TEKSING TOWARD STAAR

MATHEMATICS®

GRADE 3

STAAR Format Mini-Assessments and Periodic Assessments

TEKSING TOWARD STAAR MATHEMATICS®

OVERVIEW

Grade 3 Mini-Assessments and Periodic Assessments

MINI-ASSESSMENTS

The Mini-Assessments were created with all students in mind and provide teachers with 10-question assessments that address each TEKS in each STAAR Reporting Category with focus on the Process Standards TEKS. Each Mini-Assessment is correlated to a specific Category and TEKS. These assessments should not be utilized until after all instruction has been completed for the TEKS addressed in the assessment.

- The Mini-Assessments can be utilized at any time after instruction has occurred for the TEKS addressed in the assessment.
- Allow approximately 20 minutes for completion of each Mini-Assessment (the amount of time may vary for some assessments). No assistance should be given during this time except as allowed on STAAR for Grade 3.
- The Mini-Assessments should be completed by individual students, graded by the teacher and performance discussed by the teacher with individual students.

PERIODIC ASSESSMENTS

The Periodic Assessments were created with all students in mind and provide teachers with a 20-question assessment tool to periodically assess multi-TEKS. These assessments should not be utilized until after all instruction has been completed for all TEKS addressed in the assessment.

- The Periodic Assessments can be utilized at any time after instruction has occurred for all TEKS addressed in the assessment.
- Allow approximately 40 minutes for completion of each Periodic Assessment (the amount of time may vary for some assessments). No assistance should be given during this time except as allowed on STAAR for Grade 3.
- The Periodic Assessments should be completed by individual students, graded by the teacher and performance discussed by the teacher with individual students.

An answer key is provided for the Mini-Assessments and Periodic Assessments. Teachers should consider creation of a personalized Solutions Manual to become more familiar with the Revised TEKS and assessment of the Revised TEKS, as well as to formulate various solution strategies for each question. Teachers are encouraged to communicate with the author regarding discussion of any question in this document.

TEKSING TOWARD STAAR

MATHEMATICS ®

GRADE 3

STAAR Format Mini-Assessments

Organized by TEKS Categories

TEKSING TOWARD STAAR
GRADE 3 MINI-ASSESSMENTS
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TEKS Category 1 - Mathematical Process Standards

These student expectations will not be listed under a separate TEKS category. Instead, they will be incorporated into questions across TEKS categories since the application of mathematical process standards is part of each knowledge statement.

(3.1) Mathematical Process Standards

The student uses mathematical processes to acquire and demonstrate mathematical understanding.

STAAR Category	TEKS	STUDENT EXPECTATION	Number of Assessments
1-4	**3.1(A)**	apply mathematics to problems arising in everyday life, society, and the workplace	3
1-4	**3.1(B)**	use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution	3
1-4	**3.1(C)**	select tools, including real objects, manipulatives, paper and pencil, and technology as appropriate, and techniques, including mental math, estimation, and number sense as appropriate, to solve problems	3
1-4	**3.1(D)**	communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate	3
1-4	**3.1(E)**	create and use representations to organize, record, and communicate mathematical ideas	3
1-4	**3.1(F)**	analyze mathematical relationships to connect and communicate mathematical ideas	3
1-4	**3.1(G)**	display, explain, and justify mathematical ideas and arguments using precise mathematical language in written or oral communication	3

TEKSING TOWARD STAAR
GRADE 3 MINI-ASSESSMENTS
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TEKS Category 2: Number and Operations

(3.2) Number and Operations

The student applies mathematical process standards to represent and compare whole numbers and understand relationships related to place value.

(3.3) Number and Operations

The student applies mathematical process standards to represent and explain fractional units.

TEKS Category 2: Number and Operations

(3.4) Number and Operations

The student applies mathematical process standards to develop and use strategies and methods for whole number computations in order to solve problems with efficiency and accuracy.

TEKS Category 3: Algebraic Reasoning

(3.5) Algebraic Reasoning
The student applies mathematical process standards to analyze and create patterns and relationships.

TEKS Category 4: Geometry and Measurement

(3.6) Geometry and Measurement

The student applies mathematical process standards to analyze attributes of two-dimensional geometric figures to develop generalizations about their properties.

(3.7) Geometry and Measurement

The student applies mathematical process standards to select appropriate units, strategies, and tools to solve problems involving customary and metric measurement.

TEKS Category 5: Data Analysis

(3.8) Data Analysis
The student applies mathematical process standards to solve problems by collecting, organizing, displaying, and interpreting data.

STAAR Standard	TEKS	STUDENT EXPECTATION	Number of Assessments
Readiness	**3.8(A)**	summarize a data set with multiple categories using a frequency table, dot plot, pictograph, or bar graph with scaled intervals	3
Supporting	**3.8(B)**	solve one- and two-step problems using categorical data represented with a frequency table, dot plot, pictograph, or bar graph with scaled intervals	2

TEKS Category 6: Personal Financial Literacy

(3.9) Personal Financial Literacy
The student applies mathematical processes standards to manage one's financial resources effectively for lifetime financial security.

STAAR Standard	TEKS	STUDENT EXPECTATION	Number of Assessments
Supporting	**3.9(A)**	explain the connection between human capital/labor and income	2
Supporting	**3.9(B)**	describe the relationship between the availability or scarcity of resources and how that impacts cost	2
Supporting	**3.9(D)**	explain that credit is used when wants or needs exceed the ability to pay and that it is the borrower's responsibility to pay it back to the lender, usually with interest	2
Supporting	**3.9(E)**	list reasons to save and explain the benefit of a savings plan, including for college	2

TEKS CATEGORY 1 - PROCESS STANDARDS										
TEKS Assessed Mini-Assessment Number	**Question Number and Answer**									
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
3.1A Mini-Assessment 1	D	F	48	G	D	F	D	J	72	G
3.1A Mini-Assessment 2	A	J	C	J	D	H	D	56	B	H
3.1A Mini-Assessment 3	C	G	A	F	B	J	3	H	B	J
3.1B Mini-Assessment 1	B	H	A	G	C	F	4	F	D	J
3.1B Mini-Assessment 2	D	J	B	J	B	H	C	H	D	F
3.1B Mini-Assessment 3	D	G	D	G	C	H	B	J	D	H
3.1C Mini-Assessment 1	D	H	B	F	A	F	D	F	B	F
3.1C Mini-Assessment 2	A	G	B	F	B	F	A	J	B	G
3.1C Mini-Assessment 3	D	G	C	G	A	J	C	H	C	J
3.1D Mini-Assessment 1	D	G	B	F	C	F	D	J	C	G
3.1D Mini-Assessment 2	D	J	C	J	D	H	C	F	D	4
3.1D Mini-Assessment 3	70	H	D	J	D	J	C	F	A	J
3.1E Mini-Assessment 1	D	F	A	F	C	F	C	G	D	F
3.1E Mini-Assessment 2	C	H	D	F	C	H	B	J	C	J
3.1E Mini-Assessment 3	B	J	C	H	D	G	C	J	D	H
3.1F Mini-Assessment 2	B	J	D	F	D	F	D	F	98	H
3.1F Mini-Assessment 3	D	F	A	9	D	J	C	J	C	F
3.1F Mini-Assessment 4	D	J	A	H	D	F	B	G	C	H
3.1G Mini-Assessment 1	C	J	C	F	A	J	C	J	A	F
3.1G Mini-Assessment 2	D	F	A	H	D	J	C	J	B	G
3.1G Mini-Assessment 4	D	J	C	F	C	J	A	F	D	F

TEKS CATEGORY 2 - NUMBER AND OPERATIONS

TEKS Assessed Mini-Assessment Number	Question Number and Answer									
	1	2	3	4	5	6	7	8	9	10
3.2A Mini-Assessment 1	C	F	D	H	D	H	B	H	C	G
3.2A Mini-Assessment 2	B	J	C	G	D	G	C	J	B	J
3.2A Mini-Assessment 3	C	J	D	J	A	H	B	J	C	H
3.2B Mini-Assessment 1	B	H	B	J	B	J	C	J	C	G
3.2B Mini-Assessment 2	C	2	A	H	B	G	B	H	D	H
3.2C Mini-Assessment 1	C	H	C	H	C	G	C	F	B	F
3.2C Mini-Assessment 2	B	J	B	J	C	H	A	G	C	H
3.2D Mini-Assessment 1	B	J	D	J	D	H	D	G	A	J
3.2D Mini-Assessment 2	C	J	B	J	C	H	C	J	D	H
3.2D Mini-Assessment 3	A	H	A	G	B	G	A	G	A	G
3.3A Mini-Assessment 1	D	F	D	G	B	G	D	H	D	H
3.3A Mini-Assessment 2	B	J	B	G	D	H	D	G	C	J
3.3B Mini-Assessment 1	D	J	D	J	C	G	D	G	C	F
3.3B Mini-Assessment 2	C	J	D	H	D	G	B	J	D	H
3.3C Mini-Assessment 1	B	H	C	H	B	H	D	J	A	F
3.3C Mini-Assessment 2	A	H	A	H	B	4	J	F	B	G
3.3D Mini-Assessment 1	C	J	D	G	D	H	C	H	C	F
3.3D Mini-Assessment 2	D	F	C	G	B	H	B	J	C	G
3.3E Mini-Assessment 1	C	H	C	H	C	J	C	H	C	H
3.3E Mini-Assessment 2	B	J	D	G	C	J	D	F	C	G
3.3F Mini-Assessment 1	C	J	D	G	D	H	A	H	C	J
3.3F Mini-Assessment 2	B	J	C	F	A	G	D	H	4	F
3.3F Mini-Assessment 3	C	F	A	J	2	F	D	F	C	H
3.3G Mini-Assessment 1	C	J	A	H	D	H	D	H	C	F
3.3G Mini-Assessment 2	B	J	D	J	D	J	D	J	C	J
3.3H Mini-Assessment 1	A	J	C	H	D	G	A	G	C	H
3.3H Mini-Assessment 2	D	H	A	F	A	G	C	G	A	F
3.3H Mini-Assessment 3	D	H	A	H	B	F	D	G	A	H
3.4A Mini-Assessment 1	84	F	B	F	D	52	D	H	D	G
3.4A Mini-Assessment 2	18	F	C	G	B	H	D	G	B	91
3.4A Mini-Assessment 3	C	J	D	J	A	H	A	H	76	G
3.4B Mini-Assessment 1	A	J	B	H	C	G	C	F	B	G
3.4B Mini-Assessment 2	D	F	C	F	C	G	C	H	C	G
3.4C Mini-Assessment 1	C	G	D	J	B	G	B	G	C	J
3.4C Mini-Assessment 2	A	J	C	J	B	H	D	F	D	G

TEKS CATEGORY 2 - NUMBER AND OPERATIONS

TEKS Assessed Mini-Assessment Number	Question Number and Answer									
	1	2	3	4	5	6	7	8	9	10
3.4D Mini-Assessment 1	D	J	A	G	B	H	B	J	A	G
3.4D Mini-Assessment 2	B	G	A	J	D	F	B	G	D	H
3.4E Mini-Assessment 1	B	H	40	J	B	F	C	G	C	F
3.4E Mini-Assessment 2	D	G	16	J	C	H	D	G	C	F
3.4F Mini-Assessment 1	56	32	24	H	B	J	24	J	D	54
3.4F Mini-Assessment 2	B	J	C	J	A	64	D	F	A	G
3.4F Mini-Assessment 3	C	90	D	J	48	J	64	J	D	H
3.4G Mini-Assessment 1	144	G	D	160	D	J	D	J	68	F
3.4G Mini-Assessment 2	B	H	A	96	C	H	D	42	C	168
3.4H Mini-Assessment 1	D	F	D	H	D	J	D	H	C	G
3.4H Mini-Assessment 2	D	H	D	G	C	H	D	J	7	G
3.4I Mini-Assessment 1	C	H	D	F	D	H	B	J	C	H
3.4I Mini-Assessment 2	C	J	B	G	C	J	A	F	A	J
3.4J Mini-Assessment 1	B	F	D	H	D	J	B	J	D	G
3.4J Mini-Assessment 2	B	J	B	J	D	J	B	J	A	J
3.4K Mini-Assessment 1	D	H	C	F	3	H	C	G	19	H
3.4K Mini-Assessment 2	A	H	D	G	A	E	7	G	B	J
3.4K Mini-Assessment 3	C	J	B	8	A	F	B	J	A	H

TEKS CATEGORY 3 - ALGEBRAIC REASONING

TEKS Assessed Mini-Assessment Number	Question Number and Answer									
	1	2	3	4	5	6	7	8	9	10
3.5A Mini-Assessment 1	A	F	A	H	B	J	D	J	C	H
3.5A Mini-Assessment 2	24	J	B	F	9	H	A	H	48	J
3.5A Mini-Assessment 3	A	J	D	F	D	J	44	J	58	J
3.5B Mini-Assessment 1	B	J	D	J	A	G	A	J	C	H
3.5B Mini-Assessment 2	A	G	C	J	A	J	B	H	D	H
3.5B Mini-Assessment 3	D	F	D	H	C	H	A	H	C	H
3.5C Mini-Assessment 1	A	J	C	F	B	H	D	J	D	J
3.5C Mini-Assessment 2	B	F	C	G	B	G	C	H	D	G
3.5D Mini-Assessment 1	C	G	B	F	D	G	D	J	B	G
3.5D Mini-Assessment 2	A	32	7	G	4	H	C	32	C	6
3.5E Mini-Assessment 1	B	F	D	H	A	J	D	F	C	J
3.5E Mini-Assessment 2	B	J	B	J	D	H	A	H	B	H
3.5E Mini-Assessment 3	C	H	D	J	C	H	C	J	C	H

TEKS CATEGORY 4 - GEOMETRY AND MEASUREMENT										
TEKS Assessed Mini-Assessment Number	**Question Number and Answer**									
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
3.6A Mini-Assessment 1	C	J	D	J	C	G	D	F	A	F
3.6A Mini-Assessment 2	C	H	B	H	C	H	D	J	B	J
3.6A Mini-Assessment 3	C	F	D	F	A	J	C	F	C	J
3.6B Mini-Assessment 1	C	F	B	J	C	J	C	F	A	G
3.6B Mini-Assessment 2	C	G	A	J	A	G	C	H	D	J
3.6C Mini-Assessment 1	D	J	C	J	B	J	B	70	D	J
3.6C Mini-Assessment 2	C	J	81	J	D	H	B	J	C	H
3.6C Mini-Assessment 3	C	J	A	J	D	J	D	J	B	H
3.6D Mini-Assessment 1	C	G	C	H	B	G	D	J	C	6
3.6D Mini-Assessment 2	D	H	36	G	D	8	D	J	40	G
3.6E Mini-Assessment 1	D	H	D	H	A	F	D	F	D	H
3.7A Mini-Assessment 1	D	G	B	J	D	F	B	H	B	J
3.7A Mini-Assessment 2	D	G	D	J	C	F	A	J	D	F
3.7B Mini-Assessment 1	B	F	C	G	D	F	C	H	A	F
3.7B Mini-Assessment 2	22	H	B	G	B	J	D	H	D	24
3.7B Mini-Assessment 3	B	J	A	H	D	J	A	G	B	G
3.7C Mini-Assessment 1	B	H	A	H	C	G	B	F	D	J
3.7C Mini-Assessment 2	B	H	C	G	D	J	B	H	A	H
3.7D Mini-Assessment 1	A	H	A	J	C	F	D	J	D	G
3.7D Mini-Assessment 2	D	H	A	F	B	G	C	G	D	F
3.7E Mini-Assessment 1	A	G	A	J	D	J	A	F	B	J
3.7E Mini-Assessment 2	C	J	D	H	D	G	B	H	C	H

TEKS CATEGORY 5 - DATA ANALYSIS										
TEKS Assessed Mini-Assessment Number	**Question Number and Answer**									
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
3.8A Mini-Assessment 1	B	F	D	J	D	H	D	H	D	G
3.8A Mini-Assessment 2	C	J	C	H	A	J	D	H	B	J
3.8A Mini-Assessment 3	A	G	C	H	D	J	B	F	C	G
3.8B Mini-Assessment 1	D	H	D	H	15	9	C	J	50	35
3.8B Mini-Assessment 2	D	J	56	G	D	H	D	J	C	J

TEKS CATEGORY 6 - PERSONAL FINANCIAL LITERACY										
TEKS Assessed Mini-Assessment Number	**Question Number and Answer**									
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
3.9A Mini-Assessment 1	A	H	C	H	C	J	B	J	D	G
3.9A Mini-Assessment 2	A	J	B	J	D	64	D	H	C	F
3.9B Mini-Assessment 1	D	H	A	G	C	J	B	F	A	F
3.9B Mini-Assessment 2	C	J	D	J	D	H	A	J	B	J
3.9D Mini-Assessment 1	B	H	C	J	C	F	B	H	A	3
3.9D Mini-Assessment 2	4	G	A	J	3	F	A	H	2	J
3.9E Mini-Assessment 1	D	G	B	F	C	G	D	G	C	J
3.9E Mini-Assessment 2	C	H	D	F	A	90	D	H	D	G

TEKSING TOWARD STAAR

MATHEMATICS®

GRADE 3

Mini-Assessments
STAAR Format
TEKS Categories

TEKS CATEGORY 1

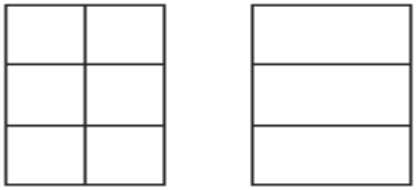
Process Standards

NAME_____ DATE_____ SCORE ___/10

3.1A Mini-Assessment 1

3.3G

1. Miguel divided a banana into sixths and ate two parts.



Which fraction is equivalent to $\frac{2}{6}$?

A $\frac{1}{2}$

B $\frac{1}{4}$

C $\frac{2}{3}$

D $\frac{1}{3}$

3.3H

2. Mr. Jeffries poured orange juice into 2 same size glasses for Mika and Sean. He poured $\frac{1}{4}$ cup of apple juice into Mika's glass and $\frac{3}{4}$ cup of apple juice into Sean's glass. Which statement is a correct comparison of the amounts of apple juice in the two glasses?

F Mika has less apple juice than Sean.

G Mika has more apple juice than Sean.

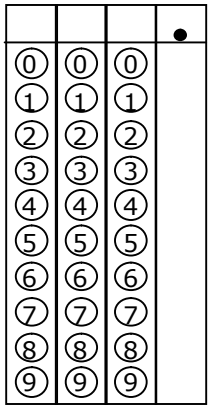
H Sean has less apple juice than Mika.

J Mika and Sean have the same amount of apple juice.

3.4A

3. Jackson did 67 push-ups during exercise time in the gym today. Brandon did 19 fewer push-ups than Jackson. How many push-ups did Brandon do?

   Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



3.4B

4. Clara saved $98 for a new bicycle. This amount was $37 more than her brother Carl had saved. Which is the best estimate for the amount of money that Carl saved?

   F $50

   G $60

   H $100

   J $140

3.4C

5. The money shown below represents the amount Trenton saved from his allowance this week.

   Which is the amount of money Trenton saved this week?

   A $12.53

   B $25.62

   C $8.63

   D $13.63

3.4D

6. Dorcey has 16 jars of finger paint. Which describes an array she could make using all the jars of paint?

F 2 rows of 8 jars

G 5 rows of 3 jars

H 2 rows of 7 jars

J 3 rows of 4 jars

3.4E

7. Mrs. Hong makes dolls like the one shown below. She uses buttons for the eyes, nose, cheeks, shirt and jumper. Each doll has the same number of buttons.

Mrs. Hong counts the buttons in groups of 9. Which list shows only numbers she will say if she counts the number of buttons on 5 dolls?

A 18, 23, 28, 32, 37

B 9, 19, 29, 39, 49

C 14, 23, 32, 45, 54

D 9, 18, 27, 36, 45

3.4F

8. Sally has 9 pages of pictures in her photo album. There are 6 pictures on each page. What is the total number of pictures on these pages?

F 15

G 48

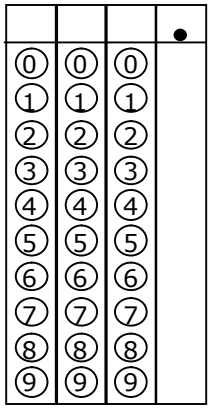
H 36

J 54

3.4G

9. Sam bought 6 packages of tortillas. Each package had 12 tortillas. How many tortillas did Sam buy in all?

   Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



3.4H

10. Dawn has 18 books in 2 baskets in her room. Each basket has the same number of books.

How books are in each basket?

F 6

G 9

H 8

J 16

NAME_____ DATE_____ SCORE ___/10

3.1A Mini-Assessment 2

3.4I

1. Blake added 356 and 497 and got 753. Should the ones digit in Blake's answer be an odd number?

   A Yes, because 356 is an even number and 497 is an odd number, so the sum must be odd.

   B No, because 356 and 497 are odd numbers, so the sum must be odd.

   C Yes, because 356 and 497 are even numbers, so the sum must be even.

   D No, because 356 is an even number and 497 is an odd number, so the sum must be even.

3.4J

2. Look at the number sentence.

$$54 \div 6 = \square$$

   Which of the following can be used to find the missing quotient for this number sentence?

   F $6 + 54 = 60$

   G $54 - 6 = 48$

   H $6 \times 6 = 36$

   J $9 \times 6 = 54$

3.4K

3. Ellie has 6 hermit crabs. She keeps each hermit crab in its own critter house. How many critter houses does Ellie have for her hermit crabs?

   A 7

   B 1

   C 6

   D 5

3.5A

4. Cedric has 3 shoeboxes with baseball cards in them. The first box has 79 cards, the second has 236 cards, and the third has 109 cards. Which of the following represents the total number of baseball cards that Cedric has in the 3 shoeboxes?

F 79 + 236 + 109 = 394

G 79 + 236 + 109 = 414

H 79 + 236 + 109 = 404

J 79 + 236 + 109 = 424

3.5B

5. Andrea cut 40 small slices of watermelon. She gave the same number of slices to herself and 4 friends. Then she ate 2 of her slices. What is the number of slices she has left?

A 20

B 8

C 10

D 6

3.5C

6. Which of the following is true about the numerical relationship between 24 and the product of 4×24?

F The product of 4×24 represents 4 times as much as 6.

G The product of 4×24 does not represent 4 times as much as 24.

H The product of 4×24 represents 4 times as much as 24.

J Not here

3.5D

7. Gerrard wrote an equation.

$$72 \div \square = 9$$

Which is the value that makes the equation true?

A 7

B 6

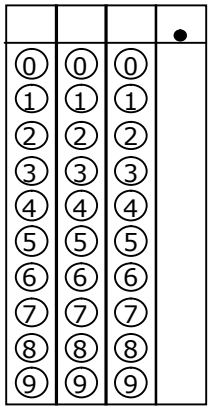
C 9

D 8

3.5E

8. Each passenger car on a train has 8 wheels. What is the number of wheels on 7 passenger cars?

   Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



3.6A

9. Which two-dimensional figure has exactly 1 less side and vertices than a pentagon?

   A A triangle

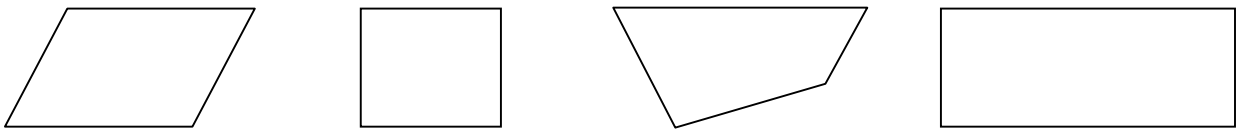
   B A quadrilateral

   C An octagon

   D A hexagon

3.6B

10. Look at the quadrilaterals shown below.



Which of these quadrilaterals appears to have opposite sides that are **NOT** the same length?

F Quadrilateral *S*

G Quadrilateral *T*

H Quadrilateral *U*

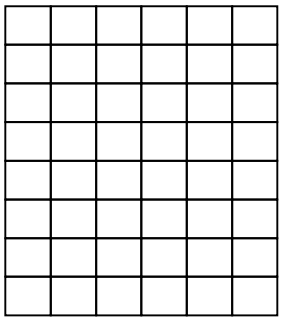
J Quadrilateral *V*

NAME_____ DATE_____ SCORE ___/10

3.1A Mini-Assessment 3

3.6C

1. A rectangle made using 1-centimeter cubes is represented below.



(1 ☐ = 1 square cm)

What is the area of the rectangle?

A 14 square centimeters

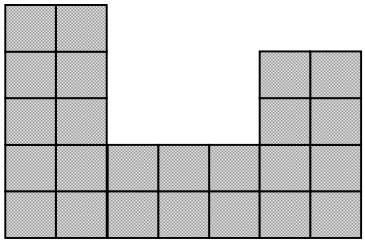
B 36 square centimeters

C 48 square centimeters

D 64 square centimeters

3.6D

2. Petra planted squash in her vegetable garden. The diagram represents the area where she planted squash in her garden. Each unit square represents 1 square foot.



What is the area of the part of her garden where Petra planted squash?

F 28 square meters

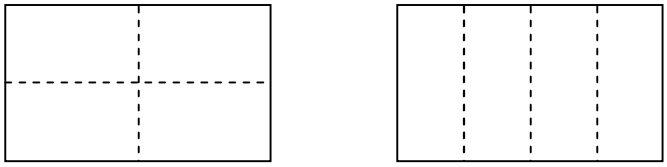
G 24 square meters

H 30 square meters

J 11 square meters

3.6E

3. Andre cut two congruent figures out of construction paper. Then he cut each figure into four equal parts.



What fraction represents each equal part of each figure?

A $\frac{1}{4}$

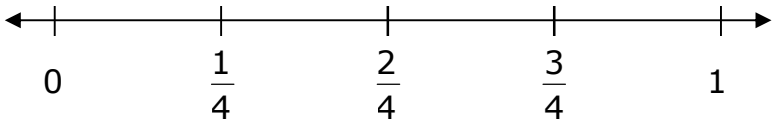
B $\frac{2}{1}$

C $\frac{1}{2}$

D $\frac{1}{3}$

3.7A

4. On weekends, Jackson and his parents take hikes on the trails at Meridian State Park. They hike $\frac{1}{4}$ mile every 30 minutes. How much of a mile do they hike in 90 minutes?



F $\frac{3}{4}$ mile

G 1 mile

H $\frac{2}{4}$ mile

J $\frac{1}{4}$ mile

3.7B

5. Mr. Meyer has a rectangular tulip garden that is 3 feet wide and 7 feet long. If he makes the garden 5 feet wide and keeps the same length, what will be the new perimeter of his tulip garden?

   A 25 ft

   B 24 ft

   C 16 ft

   D 12 ft

3.7C

6. Theresa left work at 4:15 P.M. It took her 5 minutes to walk to the bus station. The bus ride took 19 minutes. Then she walked for 11 minutes to get home.

   At what time did Theresa arrive home?

   F 4:20 P.M.

   G 4:41 P.M.

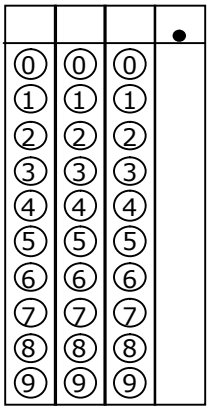
   H 4:39 P.M.

   J 4:50 P.M.

3.7D

7. Jen bought 6 packages of hot dog buns for a picnic. The weight of each package of buns is 8 ounces. What is the weight of all the packages of buns in pounds?

   Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value. Your answer is in pounds.



3.7E

8. Which is most likely the capacity of a small bottle of glue?

F 59 gallons

G 59 liters

H 59 milliliters

J 59 cups

3.8A

9. The graph shows the flavors of snow cones sold to the third grade students at Bonham Elementary after school on Monday.

Snow Cones Sold

(Each  means 2 students)

Cherry	
Grape	
Root Beer	
Coconut	

Which list shows the same data?

A Cherry 14
Grape 16
Root Beer 8
Coconut 12

B Cherry 12
Grape 17
Root Beer 9
Coconut 14

C Cherry 14
Grape 16
Root Beer 8
Coconut 12

D Cherry 10
Grape 18
Root Beer 9
Coconut 15

3.8B

10. The graph shows the number of students who were absent from Hidalgo Elementary on Monday.

Hidalgo Elementary Absences

(Each ☺ means 4 students)

Grade 1	☺☺☺☺☺☺☺◔
Grade 2	☺☺☺☺☺◔
Grade 3	☺☺☺◔
Grade 4	

Grade 4 had 12 less students absent than Grade 2. Which of the following can be used to complete the graph for Grade 4?

F

Grade 4	☺☺☺☺

G

Grade 4	☺☺☺☺☺☺☺◔

H

Grade 4	☺☺☺☺◔

J

Grade 4	☺☺◔

TEKSING TOWARD STAAR

MATHEMATICS®

GRADE 3

Mini-Assessments
STAAR Format
TEKS Categories

TEKS CATEGORY 2

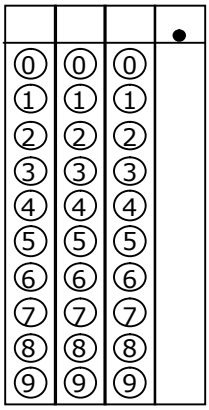
Number and Operations

NAME_____ DATE_____ SCORE ___/10

3.4A Mini-Assessment 1

1. Corina decided to take a three-day bicycle trip with her scout troop. She rode 21 miles the first day, 33 miles the second day, and 28 miles the third day. How many miles did she ride her bicycle during the three days?

   Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



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2. Jonas read 272 pages in his new book on Friday. This was 114 more pages than he read on Saturday. How many pages did he read on Saturday?

   F 158

   G 44

   H 262

   J 52

---

3. Clarissa waited 54 minutes for her grandmother to arrive at the train station. Clarissa read a book for 19 minutes and played checkers with her sister for 17 minutes. The rest of the time Clarissa watched trains arrive and depart. How much time did she watch trains arrive and depart?

   A 46 minutes

   B 18 minutes

   C 36 minutes

   D 28 minutes

4. A cell phone company sold 492 cell phones to customers in January and 267 cell phones to customers in February. What is the difference between the numbers of cell phones sold in these two months?

   F 225

   G 759

   H 235

   J 135

---

5. Jamika waited 56 minutes to board a plane at the airport. Jamika read a magazine for 15 minutes and played tic-tac-toe with her sister for 28 minutes. The rest of the time Jamika watched planes land and take off. How much time did she watch planes land and take off?

   A 41 minutes

   B 28 minutes

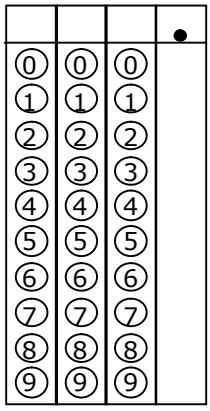
   C 43 minutes

   D 13 minutes

---

6. Melissa has a collection of 173 miniature dolls. She has 77 of her dolls in a display case and 44 of her dolls on a shelf. The rest of her miniature dolls are in a storage trunk. How many dolls are in the storage trunk?

   Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



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7. There are 138 third graders and 157 fourth graders at Clifton Elementary School. Which is the total number of third and fourth graders?

   A 281

   B 294

   C 285

   D 295

8. Butch's Burger Bar had a large guessing jar filled with gumballs. Brenda guessed that it contained 177 gumballs. Juanita guessed that it contained 211 gumballs. The correct number of gumballs was 19 more than the 2 guesses added together. How many gumballs were in the jar?

   F 388

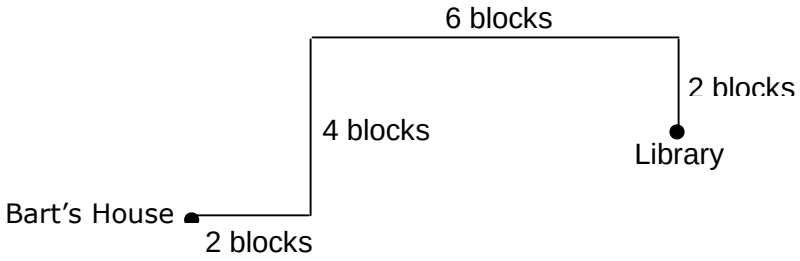
   G 398

   H 407

   J 417

---

9. The drawing shows the path that Bart takes when he walks from his house to the library.



   How many blocks will Bart walk if he walks from his house to the library and then back to his house using the same path?

   A 12 blocks

   B 24 blocks

   C 14 blocks

   D 28 blocks

---

10. The school fair had three kinds of prizes for the Go-Fishing booth.

Prizes for Go-Fishing	
Balls	73
Jacks	34
Pick Up Sticks	56

   Which number sentence can be used to find how many more balls than pick-up sticks the Go-Fishing booth had for the fair?

   F $34 + 56 = 90$

   G $73 - 56 = 17$

   H $73 - 34 = 39$

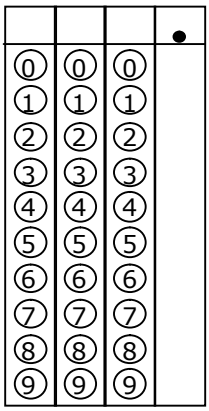
   J $73 + 34 = 107$

NAME_____ DATE_____ SCORE ___/10

3.4A Mini-Assessment 2

1. Magda read her new book for 55 minutes on Sunday. This was 37 more minutes than she read on Saturday. How many minutes did she read on Saturday?

   Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



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2. The number of adult African elephants that live in one nature preserve is 288. The number of young African elephants that live in the same nature preserve is 156. How many African elephants live in this nature preserve?

   F 444

   G 334

   H 344

   J 434

---

3. Teresa traveled 429 miles to summer camp and Lance traveled 136 miles to summer camp. How many more miles did Teresa travel to camp than Lance?

   A 303

   B 213

   C 293

   D 565

4. Maggie collected 34 shells during a walk on the beach. Jen collected 13 fewer shells than Maggie. How many shells did they collect in all?

   F 47

   G 55

   H 65

   J 21

---

5. Jacob and Kyle collect stamps. Jacob has 225 stamps in his collection and Kyle has 247 stamps in his collection. What is the total number of stamps in their collections?

   A 22

   B 472

   C 32

   D 462

---

6. A school cafeteria manager ordered 248 loaves of bread on Monday and 354 loaves of bread on Tuesday. What is the total number of loaves of bread she ordered on Monday and Tuesday?

   F 692

   G 502

   H 602

   J 592

---

7. Miguel and Sierra collected aluminum cans for a recycling project. They collected 287 cans during the first week. They collected 127 cans during the second week. How many aluminum cans did they collect during the two weeks?

   A 314

   B 404

   C 394

   D 414

8. Last week Alaina practiced ballet for 102 minutes, tap for 168 minutes, and jazz for 114 minutes. What is the amount of time she practiced dance last week?

   F 474 minutes

   G 384 minutes

   H 374 minutes

   J 484 minutes

---

9. A school bought prizes for games at the Fall Festival. The duck fishing game has 228 prizes. The ring toss game has 304 prizes, and the balloon pop game has 127 fewer prizes than the duck fishing game and the ring toss game combined. How many prizes does the balloon pop game have?

   A 659

   B 405

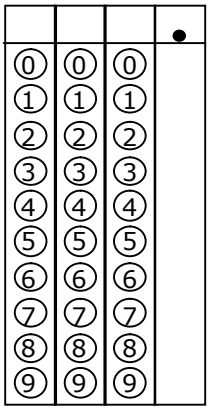
   C 425

   D 355

---

10. Hamilton Elementary School has an enrollment of 418 students. A total of 327 students ride a bus to school. How many of the students do **NOT** ride a bus to school?

    Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



NAME_____ DATE_____ SCORE ___/10

3.4A Mini-Assessment 3

1. Pete's Pizza Parlor had a large guessing jar filled with peanuts. Bart guessed that it contained 187 peanuts. Rana guessed that it contained 211 peanuts. The correct number of peanuts was 8 more than the 2 guesses added together. How many peanuts were in the jar?

   A 386

   B 396

   C 406

   D 416

---

2. Mrs. Lewis made 48 cookies for a party. Her children ate 12 of them before the party. Then Mrs. Lewis made 36 more cookies for the party. Which expression can be used to find the number of cookies she had then?

   F 48 + 12 − 36

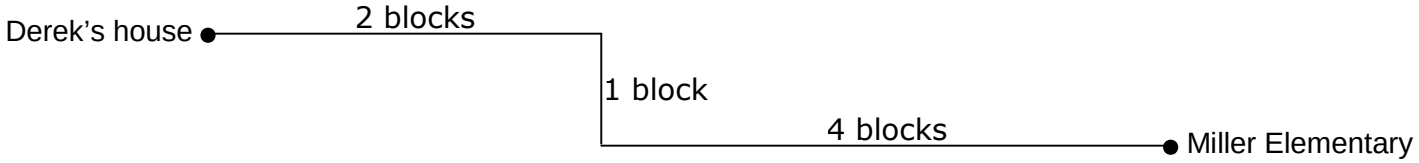
   G 48 + 12 + 36

   H 48 −12 − 36

   J 48 −12 + 36

---

3. The drawing shows the path that Derek takes when he walks from his house to school.



   How many blocks in all will Derek walk if he walks from his house to Miller Elementary School and then back to his house using the same path?

   A 6 blocks

   B 7 blocks

   C 12 blocks

   D 14 blocks

4. Garcia Elementary School has 398 students and 24 teachers. Travis Elementary School has 76 more students than Garcia Elementary School has. How many students do the 2 elementary schools have in all?

   F 364

   G 464

   H 852

   J 872

---

5. Matthew has a collection of 223 nickels. He has 74 of his nickels in a wooden box and 105 of his nickels in a jar. The rest of his nickels are in a coin savings book. How many nickels are in the coin savings book?

   A 44

   B 50

   C 149

   D 402

---

6. Mrs. Clark has $65. She sees a chair for $11 and a table for $25 at a garage sale. If she buys the table and the chair, which shows how much money she will have left?

   F 65 + 11 – 25

   G 65 + 11 + 25

   H 65 – 11 – 25

   J 65 – 11 + 25

---

7. Mr. Toma has a collection of rare coins. He has 16 silver dollars and 92 buffalo nickels. He has the same number of Indian head nickels as he has silver dollars. How many silver dollars, buffalo nickels, and Indian head nickels does Mr. Toma have in all?

   A 124

   B 114

   C 108

   D 76

8. Grace bought 15 books in February, 12 books in March, and 9 books in April. Which shows how many more books she bought in February than in April?

   F 15 + 12 + 9

   G 27 − 9

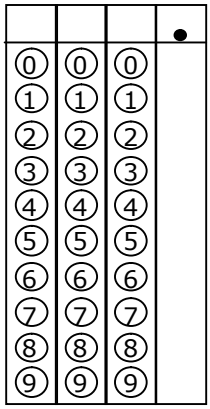
   H 15 − 9

   J 15 −12

---

9. Mr. Terry has $200. In a hardware store he saw a drill for $56 and a skill saw for $68. If he buys the drill and the skill saw, how much money will he have left?

   Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



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10. Gregg had 101 model animal figures. He gave 25 of the figures to his best friend. Then he bought 13 more figures. How many animal figures did he have then?

    F 63

    G 89

    H 114

    J 139

TEKSING TOWARD STAAR

MATHEMATICS®

GRADE 3

Mini-Assessments

STAAR Format

TEKS Categories

TEKS CATEGORY 3

Algebraic Reasoning

NAME_____ DATE_____ SCORE ___/10

3.5E Mini-Assessment 1

1. A group of campers rented 4 rafts to ride down the Brazos River. The table shows the number of people that different numbers of rafts can hold.

Rafts	1	2	3	4
People	8	16	24	

How many people can 4 rafts hold?

A 40

B 32

C 30

D 20

---

2. Candi uses 4 red color tiles and 5 blue color tiles to make a design. How many tiles will she need to repeat her design 5 times?

F 45

G 20

H 25

J 9

---

3. Geneva planted 5 tomato plants in her garden. She picked 6 tomatoes from each plant to make a salad.

Tomato Plants	1	2	3	4	5
Tomatoes	6	12	16	24	30

Which is a description of the pattern in the table?

A Add 5.

B Multiply by 5.

C Add 6.

D Multiply by 6.

4. A chef at a restaurant uses eggs to make omelettes. The number of eggs he uses to make different numbers of omelettes is shown in the table.

Omelettes	1	2	3	4	5
Eggs	3	6	9	12	15

Based on the data in the table, which statement is true?

F The chef uses 2 eggs to make 6 omelettes.

G The chef uses 12 eggs to make 3 omelettes.

H The chef uses 9 eggs to make 3 omelettes.

J The chef uses 4 eggs to make 12 omelettes.

---

5. A group of students and teachers are traveling to a science museum in vans. In each van, there will be 8 students and 2 teachers. How many people will travel to the museum if they are using 4 vans?

A 40

B 14

C 10

D 32

---

6. The table shows the number of swimming teachers for different number of students**.**

Teachers	1	2	3	4	5
Students	10	20	30	40	50

Which describes the pattern in the table?

F Add 9.

G Subtract 9.

H Multiply by 2.

J Multiply by 10.

7. Students in a third grade class are putting 5 tails on each of their class kites for Kite Fly Day**.** The table shows the number of tails needed for different numbers of kites.

Kites	1	2	3	4	5
Tails	5	10	15		

How many tails do the students need for 5 kites?

A 16

B 20

C 30

D 25

---

8. Ingrid uses 3 yellow beads and 4 green beads to make a bracelet. How many beads will Ingrid use to make 4 bracelets?

F 48

G 16

H 28

J 12

---

9. Sherissa puts 3 quarters in her coin bank each day.

Day	1	2	3	4	5
Quarters	3	6	9		

How many dimes will she have in her bank on day 5?

A 12

B 7

C 15

D 9

10. A soccer team and coaches are traveling in vans to a tournament. The table shows the number of people traveling in different numbers of vans.

Vans	1	2	3	4	5
People	6	12	18	24	30

Which describes the pattern in the table?

F Add 6.

G Multiply by 4.

H Subtract 6.

J Multiply by 6.

NAME_____ DATE_____ SCORE ___/10

3.5E Mini-Assessment 2

1. The garden club is selling long-stemmed roses in a vase for Valentine's Day. The table shows the number of roses needed for different numbers of vases.

Vans	1	2	3	4	5
People	4	8	12	16	20

Which describes the pattern in the table?

A Add 3.

B Multiply by 4.

C Add 4.

D Multiply by 3.

---

2. The table below represents the total number of pencil top erasers in different numbers of packages.

Pencil Top Erasers				
Number of Boxes	2	5	8	9
Total Number of Pencils	18		72	81

Each package has the same number of erasers. What is the total number of erasers in 5 boxes?

F 67, because $72 - 5 = 67$

G 36, because $2 \times 18 = 36$

H 9, because $81 - 72 = 9$

J 45, because $5 \times 9 = 45$

---

3. The cost of renting a bicycle for one hour is $8. How much will it cost for Jessica and each of her 4 friends to rent bicycles for one hour?

A $32

B $40

C $13

D $45

4. The table below represents the total number of pencils in different numbers of boxes.

Pencils				
Number of Boxes	2	4	8	9
Total Number of Pencils	28		112	126

Each box has the same number of pencils. What is the total number of pencils in 4 boxes?

F 122, because $126 - 4 = 122$

G 42, because $14 \times 3 = 42$

H 98, because $126 - 28 = 98$

J 56, because $14 \times 4 = 56$

---

5. Miss Stevens planted 4 mums in each clay pot on her patio. The table below represents the number of mums she planted in different numbers of pots.

Mums in Clay Pots	
Number of Clay Pots	Total Number of Mums
4	16
6	24
8	32
10	40

If Miss Stevens places the same number of mums in each clay pot, what is the total number of mums that she would plant in 14 clay pots?

A 70

B 48

C 44

D 56

6. For Math Mystery Time Mr. Giles asked Tamara to write a number on the dry erase board. Then Mr. Giles wrote a number next to it using a certain rule. The table below represents the numbers Mrs. Giles wrote next to each number Tamara wrote.

Tamara's Number	Mr. Giles' Number
4	9
5	10
10	
11	16
13	18

What number did Mr. Giles write if Tamara wrote the number 10?

F 17

G 10

H 5

J 15

---

7. Sarah decided to draw hexagons around the edge of her science fair project board. She drew 24 line segments to make 4 hexagons and 30 line segments to make 5 hexagons. How many line segments would she need to draw to make 6 hexagons?

A 36

B 30

C 26

D 24

---

8. The table shows the number of line segments needed to draw different numbers of hexagons.

Number of Hexagons	3	4	5	6	7
Number of Line Segments		24	30	36	42

How many line segments are needed to draw 3 hexagons?

F 27

G 20

H 18

J 7

9. The table represents the number of sticks of gum Vanya will have if she buys different numbers of packages of gum. Each package has the same number of sticks.

Number of Packages	Number of Sticks of Gum
2	12
3	18
4	
7	42

Vanya bought 4 packages of gum. Which equation represents the total number of sticks of gum she bought?

A $18 + 4 = \square$

B $4 \times 6 = \square$

C $12 + 8 = \square$

D $4 \times 7 = \square$

---

10. Mr. Burk's favorite hobby is building bird feeders. He builds 4 bird feeders each day.

Bird Feeders Built	
Day	Number of Bird Feeders
1	4
2	8
3	12
4	16
7	

If the pattern in the table continues, what is the number of bird feeders he will have built on day 7?

F 40

G 32

H 28

J 24

NAME_____ DATE_____ SCORE ___/10

3.5E Mini-Assessment 3

1. Mr. Henry planted 9 rows in his flower garden. He planted 4 flowers in the first row, 6 in the second row, 8 in the third row, and 10 in the fourth row. If he continues the pattern, how many flowers will he plant in the eighth row?

   A 10

   B 14

   C 18

   D 20

---

2. If one pair of in-line skates has eight wheels, 2 pairs have 16 wheels, and 3 pairs have 24 wheels, how many wheels would 5 pairs have?

   F 32

   G 36

   H 40

   J 48

---

3. Farmer Jones is planting 6 squash seeds in the first mound he has prepared for growing squash. If he continues this pattern, how many seeds will he have planted after he has planted the seventh mound?

   A 12

   B 36

   C 40

   D 42

---

4. Mr. Becker is planting 5 rose bushes in the first bed he has prepared for growing roses. If he continues this pattern, how many rose bushes will he have planted after he has planted his eighth rose bed?

   F 10

   G 15

   H 30

   J 40

5. If one travel trailer has 8 wheels, 2 travel trailers have 16 wheels and 3 travel trailers have 24 wheels, how many wheels would 9 travel trailers have?

A 36

B 42

C 72

D 32

---

6. A window has 4 panes of glass.

Which table represents the total number of panes in 2, 4 and 6 windows?

F

Window Panes

Number of Windows	Total Number of Panes
2	10
4	12
6	20

H

Window Panes

Number of Windows	Total Number of Panes
2	8
4	16
6	24

G

Window Panes

Number of Windows	Total Number of Panes
2	8
4	20
6	28

J

Window Panes

Number of Windows	Total Number of Panes
2	8
4	16
6	30

---

7. If one cricket has 6 legs, 2 crickets have 12 legs, and 3 crickets have 18 legs, how many legs do 6 crickets have?

A 24

B 30

C 36

D 42

8. Each student in third grade brought 4 glue sticks to art class. Which table represents the number of glue sticks brought by 3, 6, and 9 students?

F

Art Class Glue Sticks

Number of Students	3	6	9
Number of Glue Sticks	12	10	18

G

Art Class Glue Sticks

Number of Students	3	6	9
Number of Glue Sticks	7	10	13

H

Art Class Glue Sticks

Number of Students	3	6	9
Number of Glue Sticks	12	16	20

J

Art Class Glue Sticks

Number of Students	3	6	9
Number of Glue Sticks	12	24	36

---

9. Mr. Simpson tutored 4 students on Monday, 9 students on Tuesday, 16 students on Wednesday and 21 students on Thursday. If he continues the pattern, how many students will he tutor on Friday?

A 29

B 36

C 28

D 50

10. The local YMCA is forming basketball teams for the summer league. There will be 9 players on each team. Which table represents the number of students on 4, 6, and 9 teams?

F

Basketball Teams

Number of Teams	Number of Players
4	16
6	15
9	18

H

Basketball Teams

Number of Teams	Number of Players
4	36
6	54
9	81

G

Basketball Teams

Number of Teams	Number of Players
4	24
6	42
9	72

J

Basketball Teams

Number of Teams	Number of Players
4	24
6	48
9	72

TEKSING TOWARD STAAR

MATHEMATICS®

GRADE 3

Mini-Assessments

STAAR Format

TEKS Categories

TEKS CATEGORY 4

Geometry

and

Measurement

NAME_____ DATE_____ SCORE ___/10

3.7C Mini-Assessment 1

1. Diana practiced her piano lesson from 3:55 P.M. to 4:42 P.M. today.

What is the amount of time it took her to practice her piano lesson?

A 42 minutes

B 47 minutes

C 55 minutes

D 13 minutes

---

2. Jackson took 1 hour 26 minutes to clean his bathroom and his bedroom. He took 42 minutes to clean his bathroom.

How long did it take him to clean his bedroom?

F 26 min

G 1 hr

H 44 min

J 1 hr 2 min

3. Ellie ate breakfast from 7:07 A.M. to 7:35 A.M. this morning.

What is the amount of time it took her to eat breakfast?

A 28 minutes

B 42 minutes

C 32 minutes

D 25 minutes

---

4. Melissa has a ballet class at 3:10 P.M. Her jazz class begins 45 minutes later.

What time does her jazz class begin?

F 3:40 P.M.

G 2:25 P.M.

H 3:55 P.M.

J 3:45 P.M.

5. Grayson waits 45 minutes for her dad to pick her up after cheer practice. She has already been waiting for 17 minutes.

How much longer does Grayson need to wait for her dad to pick her up?

A 26 min

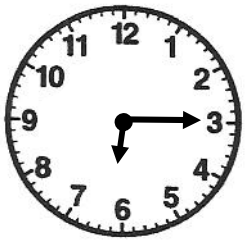
B 45 min

C 28 min

D 1 hr 2 min

---

6. One of Keri's chores is to set the table 30 minutes before family dinner each night. Dinner time is 6:15 P.M.



At what time does Keri set the table each night?

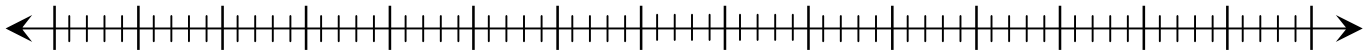
F 7:15 P.M.

G 5:45 P.M.

H 3:45 P.M.

J 2:45 P.M.

7. Reagan spent 30 more minutes practicing her flute than London. London spent 35 minutes practicing her flute.



How long did Regan spend practicing?

A 30 minutes

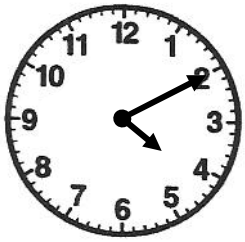
B 1 hour 5 minutes

C 60 minutes

D 2 hours

---

8. Kendra has gymnastics class from 4:10 P.M. to 4:50 P.M. She stretches for 10 minutes and practices her floor exercise routine for 8 minutes. She spends the rest of the class working on the balance beam.



How much times does Kendra spend working on the balance beam?

F 22 min

G 18 min

H 28 min

J 40 min

9. Frank and Jalen each spent 35 minutes jumping rope in gym class.

What is the total amount of time they spent altogether jumping rope?

A 45 min

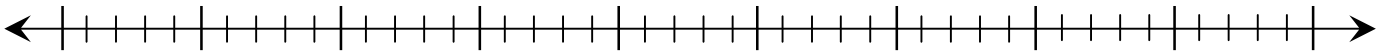
B 1 hr

C 85 min

D 1 hr 10 min

---

10. Maggie arrived at school at 8:25 A.M. this morning. She walked from home to the bus stop in 5 minutes and the bus ride to school took 30 minutes.



What time did Maggie leave home this morning?

F 8:30 A.M.

G 7:55 A.M.

H 8:00 A.M.

J 7:50 A.M.

NAME_____ DATE_____ SCORE ___/10

3.7C Mini-Assessment 2

1. Dawn studied her spelling words for 30 minutes each night on Tuesday, Wednesday and Thursday.

What is the total amount of time she studied her spelling words on these nights?

A 30 minutes

B 1 hour 30 minutes

C 60 minutes

D 2 hours

---

2. Emily practiced her dance routine every night for 5 nights. She practiced 15 minutes each night.

What is the total amount of time she practiced her dance routine on these 5 nights?

F 30 minutes

G 1 hour 30 minutes

H 1 hour 15 minutes

J 2 hours

3. Haylee spends 7 hours at school each day. She spends 45 minutes of her school day in art class.

How much time is Haylee **NOT** in art class during the time she is at school?

A 45 minutes

B 5 hours 45 minutes

C 6 hours 15 minutes

D 6 hours

---

4. Elliott works at a zoo. She feeds the penguins at 8:35 A.M., then she feeds the spider monkeys 30 minutes later.

What time does she feed the spider monkeys?

F 8:55 A.M.

G 9:05 A.M.

H 9:15 A.M.

J Not here

5. Sanjay practiced his violin lesson from 4:32 P.M. to 4:55 P.M. today.

How long did Sanjay practice his violin lesson today?

A 33 minutes

B 25 minutes

C 87 minutes

D 23 minutes

---

6. Kennedy earns $5 for every hour she helps around the house. She began helping her mom at 9:25 A.M. She helped her mom pull weeds for 45 minutes, cleaned the bathroom for 30 minutes, and vacuumed the carpet for 45 minutes.

What is the total amount of time she spent helping around the house?

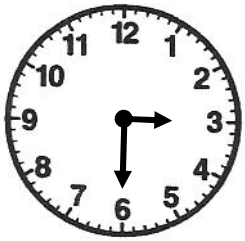
F 30 minutes

G 1 hour 30 minutes

H 60 minutes

J 2 hours

7. Mariah's softball game began at 3:30 P.M. on Saturday. Jeri's softball game began 45 minutes later.



At what time did Jeri's softball game begin?

A 3:15 P.M.

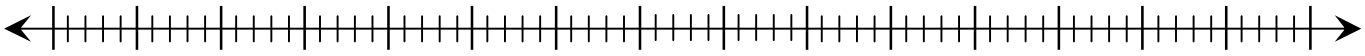
B 4:15 P.M.

C 3:45 P.M.

D 2:45 P.M.

---

8. Ron spent 30 more minutes than Dani practicing his trumpet. Dani spent 25 minutes practicing her flute.



How long did Ron spend practicing?

F 30 minutes

G 1 hour

H 55 minutes

J 1 hour 5 minutes

9. School begins at 7:35 at Meridian High School. School begins 45 minutes later at Meridian Elementary School.

What time does school begin at Meridian Elementary School?

A 8:20 A.M.

B 7:50 A.M.

C 8:15 A.M.

D 7:45 A.M.

---

10. Lester had a lunch break from 12:05 P.M. to 12:50 P.M. He read a book for 9 minutes and played a video game for 20 minutes. He spent the rest of the time eating.

How much time did Lester spend eating?

F 29 minutes

G 35 minutes

H 16 minutes

J 26 minutes

TEKSING TOWARD STAAR

MATHEMATICS®

GRADE 3

Mini-Assessments
STAAR Format
TEKS Categories

TEKS CATEGORY 5

Data Analysis

NAME_____ DATE_____ SCORE ___/10

3.8B Mini-Assessment 1

1. Richard's class wrote letters to third grade pen pals in Canada. The class made a graph of the number of letters they wrote each week.

Letters Written to Pen Pals in Canada

Week 1	✉ ✉ ✉ ✉
Week 2	✉ ✉ ✉ ✉ ✉
Week 3	✉ ✉ ✉
Week 4	✉ ✉ ✉ ✉ ✉ ✉ ✉

Each ✉ means 3 letters

How many letters were written during Week 4 and Week 3?

A 7

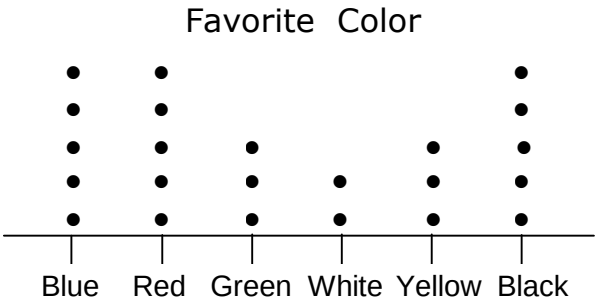
B 10

C 20

D 30

---

2. Students in a third grade class were asked to name their favorite color. The data from the survey is shown below.



Which statement is true based on the information shown on the dot plot?

F The number of students that chose blue is greater than the total number of students that chose green, white and yellow.

G The total number of students that chose red, white and blue is 20.

H The number of students that chose black is the same as the total number of students that chose green and white.

J The number of students that chose red is greater than the total number of students that chose green and yellow.

3. The tally chart below is a record of the number of days rain fell in Kyra's city during the months of March, April, May and June.

Rainfall Record

Month	Number of Days
March	𝍸 𝍸 ||||
April	𝍸 𝍸 ||
May	𝍸 ||||
June	𝍸

What is the difference between the number of days rain fell during March and June?

A 19

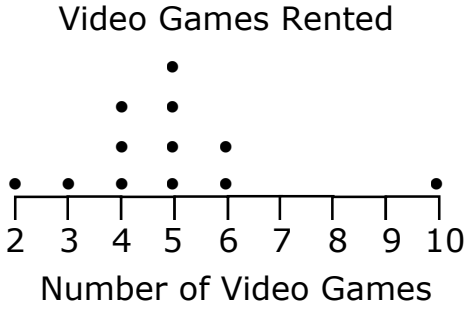
B 4

C 14

D 9

---

4. The data from a survey of 12 students shows how many video games they rented during the past month.



Which statement is **NOT** true based on the data shown on the dot plot?

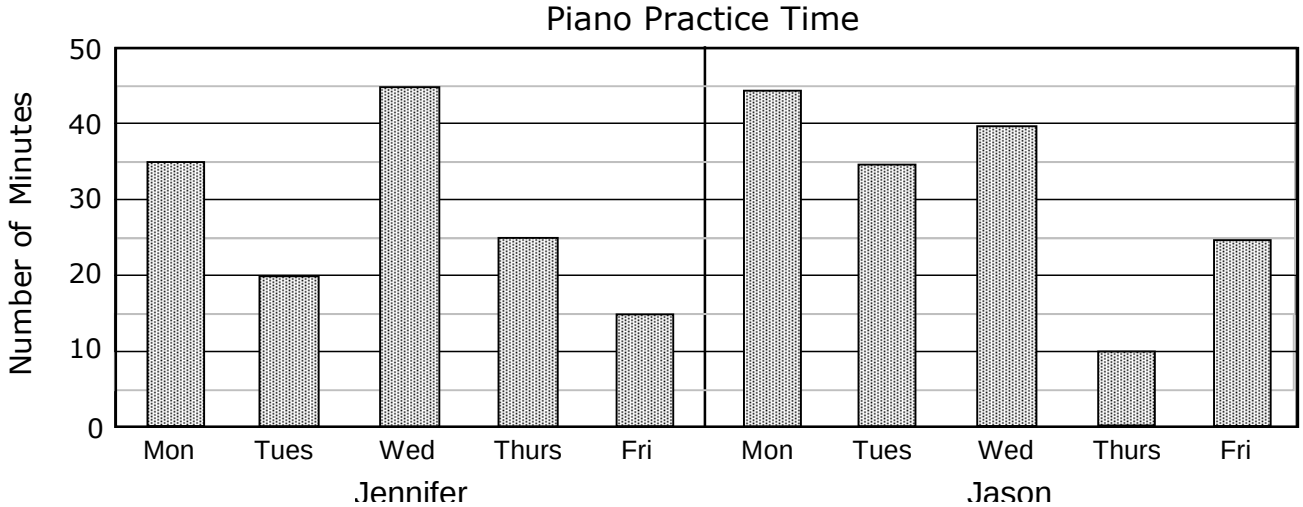
F The total number of video games rented by 4 students last month is 3.

G The total number of students that rented 5 or 6 video games last month is 6.

H The total number of video games rented by only 1 student is 15.

J The total number of students that rented 2, 3, or 10 video games is 3.

5. The bar graph shows the amount of time Jennifer and Jason spent practicing their piano lessons last week.



How many more minutes did Jason spend practicing piano lessons than Jennifer on Tuesday?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

			●
⓪	⓪	⓪	
①	①	①	
②	②	②	
③	③	③	
④	④	④	
⑤	⑤	⑤	
⑥	⑥	⑥	
⑦	⑦	⑦	
⑧	⑧	⑧	
⑨	⑨	⑨	

6. The graph shows how many plate lunches the school cafeteria prepared for each third grade teacher's class on Wednesday.

Cafeteria Plate Lunches

Mrs. Kourey	◎◎◎◎◎◎◎
Miss Brewer	◎◎◎◎◎◎◎◎
Mr. Gomez	◎◎◎◎◎◎
Mrs. Allen	◎◎◎◎◎◎◎
Mr. Cohen	◎◎◎◎◎◎◎◎◎

Each ◎ represents 3 plate lunches.

How many more plate lunches were needed for Mr. Cohen's class than were needed for Mr. Gomez's class?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

			●
⓪	⓪	⓪	
①	①	①	
②	②	②	
③	③	③	
④	④	④	
⑤	⑤	⑤	
⑥	⑥	⑥	
⑦	⑦	⑦	
⑧	⑧	⑧	
⑨	⑨	⑨	

7. The graph shows the number of students who were absent from Houston Elementary on Friday.

Houston Elementary Absences

(Each ☺ means 2 students)

Grade 1	☺☺☺☺☺☺☺☺☺
Grade 2	☺☺☺☺☺☺☺☺
Grade 3	☺☺☺☺
Grade 4	☺☺☺☺☺☺

What is the difference between the total number of students absent in grade 3 and grade 4 and the total number of students absent in grade 1?

A 1

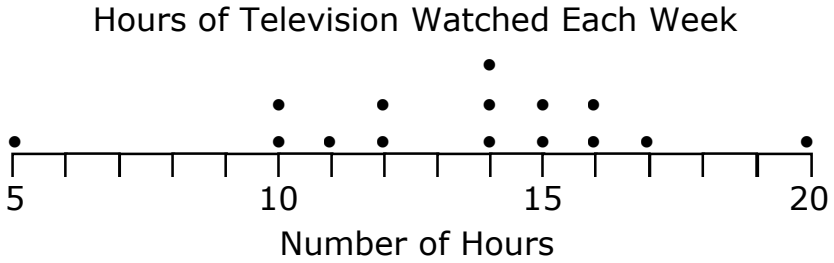
B 3

C 2

D Not here

---

8. The data from a survey of 15 students shows estimates for the number of hours of television they watch each week.



Which statement is true based on the data shown on the dot plot?

F The total number of hours of television watched by 11, 12 and 14 students is greater than the total number of hours watched by 5, 10, 15 and 20 students.

G More students watched 11 or 12 hours of television than watched 16 or 17 hours.

H The total number of students that watched 5, 10, 15 and 20 hours is equal to the total number of students that watched 11, 12, 14, 16 and 17 hours is equal.

J Not here

9. The graph shows the cost of school supplies at the school store.

Cost of School Supplies

Spiral Notebook	
Box of 12 Crayons	
Box of 8 Markers	
Box of Colored Pencils	
Notebook Paper	

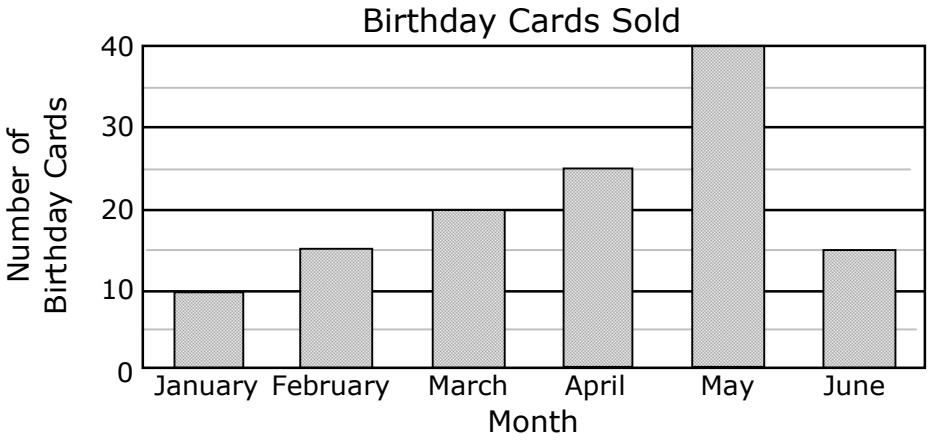
Each  represents 10 cents.

How many cents less does notebook paper cost than a box of markers?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

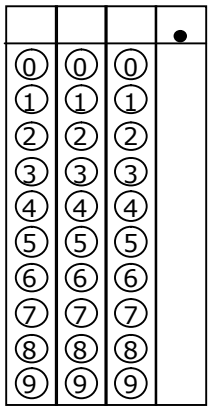
			●
⓪	⓪	⓪	
①	①	①	
②	②	②	
③	③	③	
④	④	④	
⑤	⑤	⑤	
⑥	⑥	⑥	
⑦	⑦	⑦	
⑧	⑧	⑧	
⑨	⑨	⑨	

10. The manager of Callie's Card Shop made a graph of the number of birthday cards sold during the months of January, February, March, April, May and June. The graph shows that 45 cards were sold during the first three months.



How many more cards were sold during the last three months than during the first three months?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



NAME_____ DATE_____ SCORE ___/10

3.8B Mini-Assessment 2

1. Tomika's class collected cans for the food drive. The class made a graph of the number of cans they collected each week.

Cans Collected for the Food Drive

Week 1	7 cans
Week 2	5 cans
Week 3	10 cans
Week 4	8 cans

Each ⌭ means 10 cans.

How many cans were collected during Week 1 and Week 2?

A 11

B 12

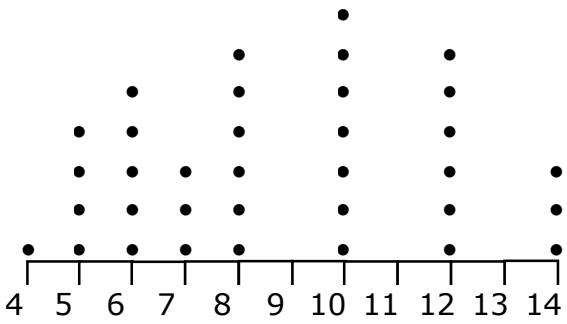
C 110

D 120

---

2. The data shows the numbers of different sizes of shirts ordered for a school choir.

Choir Shirts Ordered



Which statement is true based on the data shown on the dot plot?

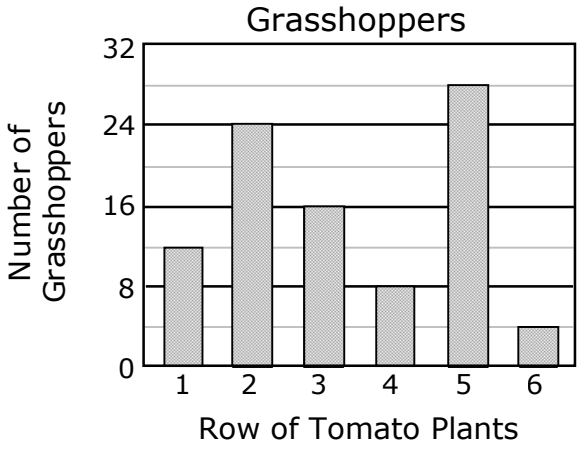
F The number of shirts ordered in size 10 is greater than the total number of shirts ordered in size 4, size 5 and size 7.

G The total number of shirts ordered in size 10 and size 12 is 15.

H The total number of shirts ordered in size 7 and size 14 is greater than the number of shirts ordered in size 10.

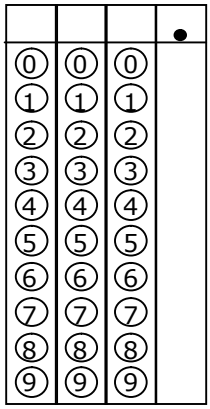
J The total number of shirts ordered in size 5 and size 14 is equal to the number of shirts ordered in size 10.

3. Mr. Maynard has 6 rows of tomato plants in his garden. On Thursday he counted the number of grasshoppers that were on the tomato plants in each row. The information he recorded is shown in the graph.

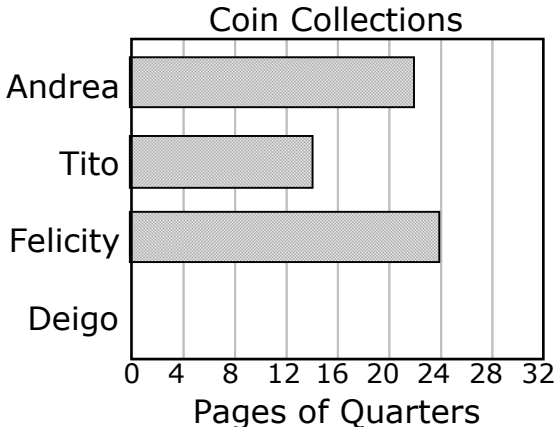


How many grasshoppers altogether did he count on the tomato plants in Row 1, Row 3, and Row 5?

Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.

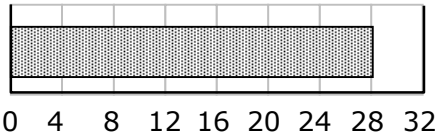


4. Will is making a graph to show the number of pages of quarters collected by each of four students for their coin collection books.

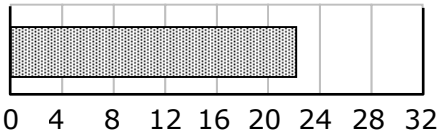


Deigo collected 8 more pages of quarters than Tito collected. Which bar can be used to complete the graph for Deigo?

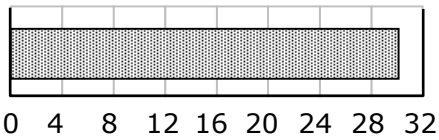
F



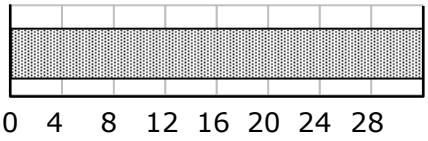
G



H



J



5. The table shows the students in the third grade that play on different baseball teams.

Team	Tally	Number of Students
Panthers	𝍸 ||||	9
Tigers	𝍸 |	6
Wildcats	𝍸 |||	8
Cubs	𝍸 ||	7

Which statement is **NOT** true based on the data shown on the table?

A The total number of third grade students that play on the four teams is 30.

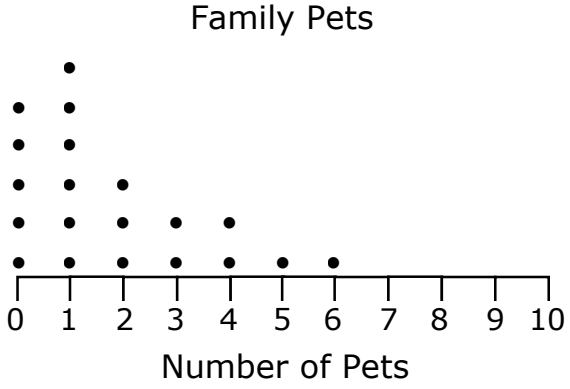
B Less than 15 third grade students play on the Tigers or Cubs together.

C More than 15 third grade students play on the Wildcats or Panthers together.

D Not here

---

6. Twenty third grade students were asked how many pets their family has. The line plot shows the data.



How many more of the students' families have 1 pet than have 4, 5 or 6 pets?

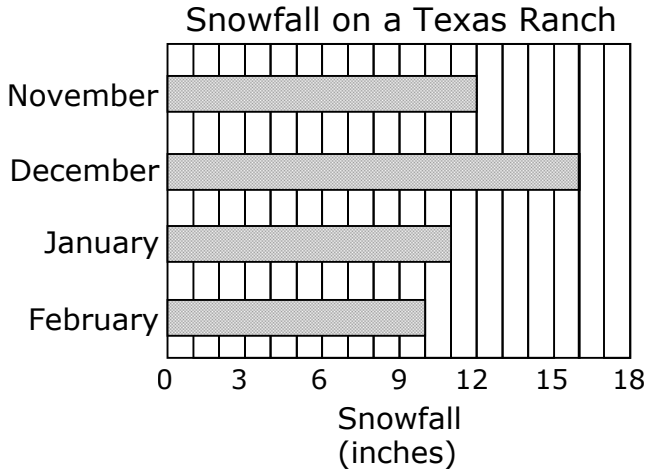
F 6

G 4

H 2

J 1

7. The graph shows the amount of snow that fell on a ranch in Texas during 4 months.



How many more inches of snow fell on the ranch in December than in February?

A 15 inches

B 25 inches

C 10 inches

D 6 inches

---

8. The frequency table below shows the number of times a score of 100 was made on math tests during the six weeks.

Math Scores

Class	Times 100 Scored
Mrs. Wagner's	24
Mr. Coolidge's	18
Miss Manners'	21
Mrs. Lupe's	30

Based on the graph, which statement is true?

F Mrs. Wagner's and Miss Manners' classes together had more than 50 scores of 100.

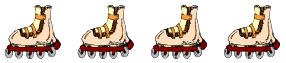
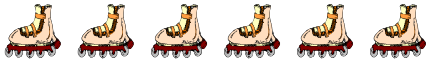
G Mrs. Wagner's class scored 100 five more times than Miss Manners' class.

H Mr. Coolidge's and Mrs. Lupe's classes together had more than 50 scores of 100.

J Mrs. Lupe's class scored 100 twelve more times than Mr. Coolidge's class.

9. The annual City Roller Skating Contest will be held in April. Contestants were surveyed to find the number of times they practiced roller skating in March. The graph below shows the results of the survey.

Roller Skating Practice

Number of Times	Number of Contestants
3	
4	
5	
7	
8	

Each  means 3 contestants.

Which statement is **NOT** supported by the information shown in the pictograph?

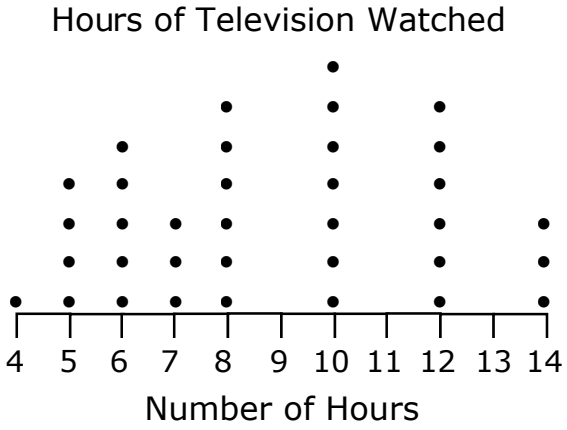
A The number of contestants who practiced 3 times is 2 times the number of contestants who practiced 5 times.

B Half as many contestants practiced 7 times as the number of contestants who practiced 8 times.

C The number of contestants who practiced 7 times is 18 more than the number of contestants who practiced 4 times.

D The number of contestants who practiced 7 times is 18.

10. Grade 3 students estimated how much telelvision they watch each week, to the nearest hour. The line plot shows the data.



How many students watched TV more than 9 hours and less than 14 hours?

F 9

G 10

H 11

J 13

TEKSING TOWARD STAAR

MATHEMATICS®

GRADE 3

Mini-Assessments

STAAR Format

TEKS Categories

TEKS CATEGORY 6

Personal

Financial Literacy

NAME_____ DATE_____ SCORE ___/10

3.9A Mini-Assessment 1

1. Which of the following includes the knowledge, skills, education and talent people bring to work?

   A Human capital

   B Financial capital

   C Natural resources

   D Capital resources

---

2. Which of the following is income earned for providing human capital?

   F Profit

   G Saving

   H Wages or Salary

   J Interest

---

3. Which of the following is one way to improve human capital?

   A Saving money

   B Going shopping

   C Attending school

   D Building a factory

---

4. Maggie is a babysitter. Which of the following is a way she can increase her human capital?

   F Babysit only one child at a time.

   G Charge a higher price for her babysitting.

   H Attend a class to improve her babysitting skills.

   J Purchase toys to use with the children she babysits.

5. Which of the following is included in human capital?

A Stocks and bonds

B Plant and equipment

C Knowledge and skills

D Savings and investment

---

6. How do most people earn their income?

F By exchanging their human capital for rent

G By exchanging their human capital for interest

H By exchanging their human capital for profits and losses

J By exchanging their human capital for wages or salaries

---

7. Which of the following is a way to improve human capital?

A Buying stocks

B Gaining job experience

C Selling new equipment

D Increasing worker wages

---

8. Which of the following is **NOT** an example of exchanging human capital for income?

F Walking a neighbor's dog for $1

G Washing dishes and making your bed your $3 weekly allowance

H Watering a neighbor's plants while they are on vacation for $5

J Receiving $5 from your grandmother for your birthday

9. Reagan likes stuffed animals. She earns one small stuffed animal for every 2 hours she spends helping her father in the garden. What is the number of stuffed animals Reagan will earn for working 8 hours in the garden?

   A 6

   B 8

   C 16

   D 4

---

10. Alex earns $9 per hour working at a restaurant. What is the amount he earns in 5 hours?

    F $14

    G $45

    H $4

    J $40

NAME_____ DATE_____ SCORE ___/10

3.9A Mini-Assessment 2

1. Brenda teaches third grade at Jefferson Elementary School. Tricia cleans offices for a cleaning company. Susan donates time to the local library. Which of these people is earning income?

   A Brenda and Tricia only

   B Brenda and Susan only

   C Tricia and Susan only

   D Brenda, Tricia, and Susan

---

2. Which of the following best describes a wage?

   F Payment for goods and services

   G Profit from the sale of goods

   H Interest earned on savings

   J Income earned from work

---

3. Which of the following usually causes income from a job to be higher?

   A The job has a title.

   B More education is required for the job.

   C People must be interviewed for the job.

   D An ad for the job was placed on the internet.

---

4. Which of the following is **NOT** an example of exchanging human capital for income?

   F Walking a neighbor's dog for $1

   G Washing dishes and making your bed your $3 weekly allowance

   H Watering a neighbor's plants while they are on vacation for $5

   J Receiving $5 from your grandmother for your birthday

5. Which of the following is a reason why most skilled workers are paid more than unskilled workers?

   A Skilled workers are in greater supply.

   B Skilled workers have more bills to pay.

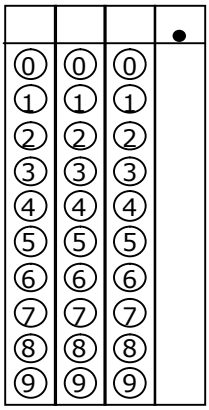
   C Skilled workers have spent fewer years in school.

   D Skilled workers produce more than unskilled workers.

---

6. Landon earns $8 per hour selling passes to the city pool. What is the amount he earns if he works for 8 hours?

   Your answer is in dollars. Record your answer and fill in the bubbles on the grid. Be sure to use the correct place value.



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7. Velvet earns $8 per hour at a bakery. What is the amount she earns in 9 hours?

   A $64

   B $81

   C $17

   D $72

8. Magdalena has finished nursing school. Sienna has finished high school. Which statement about their job opportunities is most likely to be true?

   F Sienna has more specialized skills than Magdalena.

   G Magdalena has fewer specialized skills than Sienna.

   H Magdalena will become a nurse.

   J Sienna and Magdalena may do the same job.

---

9. Charlie earns $7 per hour helping at a horse stable. What is the amount he earns in 6 hours?

   A $13

   B $45

   C $42

   D $48

---

10. An elementary school teacher in one Texas city earns $47,730 per year. A fitness instructor in the same city earns $23,850 per year. A legal secretary in the same city earns $14,360 per year less than the school teacher. What is the difference in salary between the fitness instructor and legal secretary?

    F $9,520

    G $10, 520

    H $33,370

    J $23,880

TEKSING TOWARD STAAR

MATHEMATICS ®

GRADE 3

STAAR Format Periodic Assessments

Containing Multi-TEKS

Answer Key and TEKS/STAAR Category and Standard Correlation

- Copy 1 assessment for each student.
- Students answer the questions individually, however, the same assistance may be given as will be allowed on the actual STAAR.

Question	Answer	TEKS Assessed	STAAR Category	STAAR Standard
1	B	3.2A	1	Readiness
2	J	3.2B	1	Supporting
3	A	3.2C	1	Supporting
4	J	3.2D	1	Readiness
5	D	3.3A	1	Supporting
6	J	3.3B	1	Supporting
7	A	3.3C	1	Supporting
8	G	3.3D	1	Supporting
9	D	3.3E	1	Supporting
10	H	3.3F	1	Readiness
11	B	3.6C	3	Readiness
12	H	3.6D	3	Supporting
13	A	3.6E	3	Supporting
14	G	3.7A	1	Supporting
15	B	3.7B	3	Readiness
16	H	3.7C	3	Supporting
17	B	3.7D	3	Supporting
18	F	3.7E	3	Supporting
19	C	3.8A	4	Readiness
20	B	3.8B	4	Supporting

1. Eva uses 1,000 beads to make a necklace, 100 beads to make a bracelet and 10 beads to make a hair clip. What items did she make today if she used 3,450 beads in all?

   A Eva made 1 necklace, 34 hair clips, and 5 rings.

   B Eva made 3 necklaces, 4 hair clips, and 5 rings.

   C Eva made 34 necklaces, 5 hair clips, and 0 rings.

   D Eva made 3 necklaces, 45 hair clips, and 0 rings.

---

2. A baseball card company ships cards in packages of 10, boxes of 100, and cases of 1,000. The company received an order from a sports store for a total of 15,470 cards. How can the company ship the order with the exact amount of cards ordered?

   F The baseball card company can ship the order in 1 case, 5 boxes, and 47 packs.

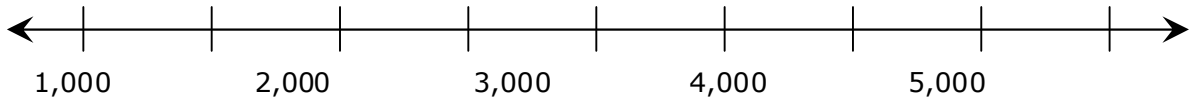
   G The baseball card company can ship the order in 1 case, 54 boxes, and 7packs.

   H The baseball card company can ship the order in 15 cases, 40 boxes, and 7 packs.

   J The baseball card company can ship the order in 15 cases, 4 boxes, and 7 packs.

---

3. The Mayborn Museum in Waco recorded an attendance of 3,178 on Saturday.



   Which best describes the location of 3,178 on the number line?

   A Between 3,000 and 4,000

   B Between 1,000 and 2,000

   C Between 4,000 and 5,000

   D Between 2,000 and 3,000

---

4. On Tuesday at the State Fair of Texas, visitors bought 3,671 tickets for food and drinks, 4,032 tickets for rides, and 2,978 tickets for games. Which shows the number of tickets in order from greatest to least?

   F Food and drinks, rides, games

   G Games, food and drinks, rides

   H Food and drinks, games, rides

   J Rides, food and drinks, games

5. Zeva made a blackberry cobbler. The shaded part of the model represents the part of the cobbler that she served to her friends after school.

What fraction of the cobbler did Zeva serve to her friends?

A $\frac{7}{8}$

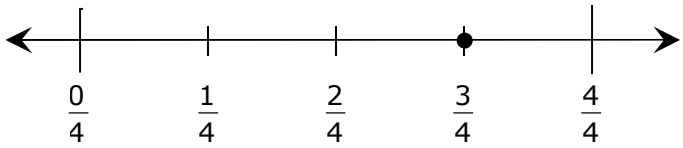
B $\frac{5}{8}$

C $\frac{2}{8}$

D $\frac{6}{8}$

---

6. The point on the number line represents the location on the football field where the Tiger football team will line up for the next play.



Which fraction represents the distance down the field where the team will line up?

F $\frac{2}{4}$

G $\frac{4}{4}$

H $\frac{1}{4}$

J $\frac{3}{4}$

7. Todd shared a turkey wrap sandwich with two of his friends. He sliced the sandwich into 3 equal pieces. The missing part of the picture shows what part of the sandwich Todd ate.

What fraction of the sandwich did Todd eat?

A $\frac{1}{3}$

B $\frac{1}{6}$

C $\frac{1}{4}$

D $\frac{1}{2}$

---

8. Keisha made a large pot of chicken stew. She and her family ate $\frac{3}{4}$ of the stew for lunch. Which is $\frac{3}{4}$ written as a sum of unit fractions?

F $\frac{3}{1} + \frac{3}{1} + \frac{3}{1} + \frac{3}{1}$

G $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

H $\frac{3}{8} + \frac{3}{8} + \frac{3}{8}$

J $\frac{3}{4} + \frac{3}{4} + \frac{3}{4}$

---

9. Jon and his three friends bought two bananas to share. They divided the bananas equally. How much of a banana did Jon and his friends each get?

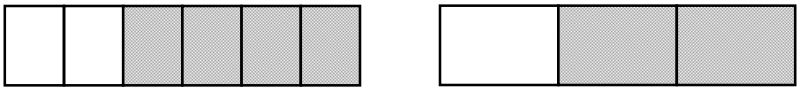
A 2 halves

B 1 fourth

C 3 fourths

D 2 fourths

10. The design for a school banner is divided into six equal sections and four of the sections will be green. The shaded part of the design represents the green sections.



Which fraction is equivalent to the green sections of the banner?

F $\frac{2}{4}$

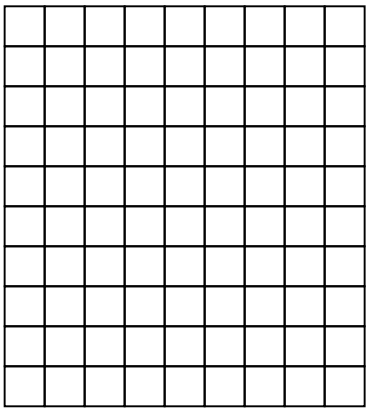
G $\frac{1}{3}$

H $\frac{2}{3}$

J $\frac{3}{4}$

---

11. A rectangle made using 1-centimeter cubes is represented below.



1 ☐ = 1 square centimeter

What is the area of the rectangle?

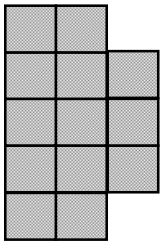
A 19 square centimeters

B 90 square centimeters

C 38 square centimeters

D Not here

12. Harold drew a diagram to represent the area of his front porch. Each unit square in the diagram represents 1 square foot.



What is the area of Harold's patio?

F 3 square feet

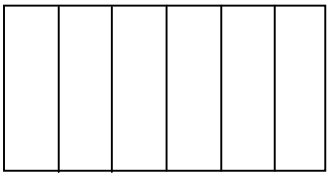
G 15 square feet

H 13 square feet

J 10 square feet

---

13. Darwin is painting two congruent walls in his bedroom. He divided each wall into 6 equal sections.



What fraction represents each equal section of each wall?

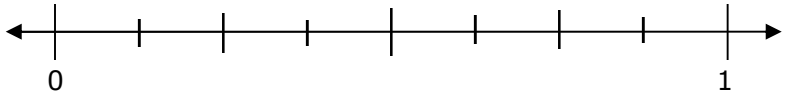
A $\frac{1}{6}$

B $\frac{6}{1}$

C $\frac{1}{12}$

D $\frac{1}{4}$

14. Ellie drew a number line.



Which fraction is the farthest distance from zero on the number line?

F $\frac{2}{4}$

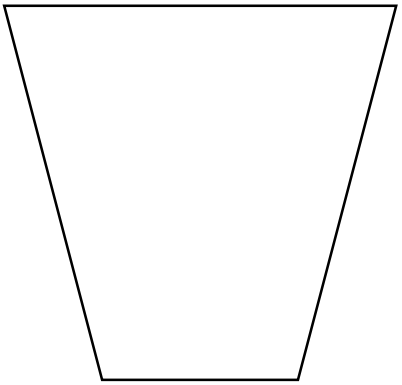
G $\frac{6}{8}$

H $\frac{1}{2}$

J $\frac{1}{4}$

---

15. Use a ruler on the Reference Materials to measure the perimeter of this polygon. Measure to the nearest inch.



What is the perimeter of this polygon?

A 6 in.

B 7 in.

C 8 in.

D 9 in.

16. In the third grade classes at an elementary school, silent reading begins at 10:15 A.M. and lasts for 25 minutes. Math class begins 8 minutes after silent reading ends.

What time does Math class begin?

F 10:40 A.M.

G 10:58 A.M.

H 10:48 A.M.

J 10:45 A.M.

---

17. Diedre has decided to buy a quart container of liquid detergent to refill a small container.

Which measurement unit should Diedre use to find the liquid volume of the small container?

A Gram

B Cup

C Pound

D Liter

---

18. Which container holds less than 1 liter of liquid volume when it is filled?

F A tea cup

G A kitchen sink

H A barrel

J A large bird bath

19. A store has different flavors of ice cream in a freezer. The table below shows the number of pint containers of each flavor of ice cream.

Containers of Ice Cream

Flavor	Number of Containers
Chocolate	19
Vanilla	11
Caramel	16
Peach	13
Butter Pecan	8
Strawberry	11

Which two flavors of ice cream have the greatest number of containers in the freezer?

A Butter pecan and caramel

B Chocolate and strawberry

C Caramel and chocolate

D Strawberry and peach

---

20. The tally chart below is a record of the number of books read by four students during a reading contest.

Reading Record

Student	Number of Books Read
Shayne	𝍸 ||||
Maddie	𝍸 ||
Jamie	𝍸 𝍸 𝍸 𝍸 ||||
Jen	𝍸

How many more books did Jamie read than the total number of books Maddie, Jen and Shayne read?

F 9

G 3

H 2

J 24