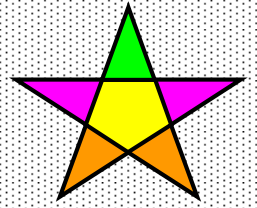
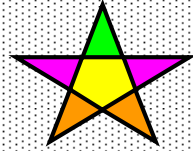
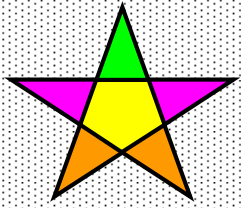


TEKSING TOWARD STAAR



MATHEMATICS

GRADE 3

STAAR

Blueprint

Assessments

OVERVIEW

These Blueprint Assessments were created to provide teachers with assessments that include the same number of questions as the actual STAAR assessment. Blueprint Assessment 1 and Blueprint Assessment 2 give teachers the opportunity to assess the TEKS assessed on STAAR, as well as an opportunity to assess the endurance level of students as they strive to successfully complete an assessment the actual length of the STAAR. An answer key and TEKS correlation is provided for each item on each assessment. Teacher Notes regarding suggestions for administration of the assessments are also included.

The design of the Blueprints Assessments takes into consideration the following information from the STAAR Grade 3 Mathematics Blueprint released from the TEA in January 2014:

- 60% - 65% of the questions will assess Readiness Standards – 28-30 of 46 total questions
- 35% - 40% of the questions will assess Supporting Standards – 16-18 of 46 total questions
- 43 questions will be multiple choice format and 3 questions will be griddable format

AUTHORS' VISION FOR IMPLEMENTATION

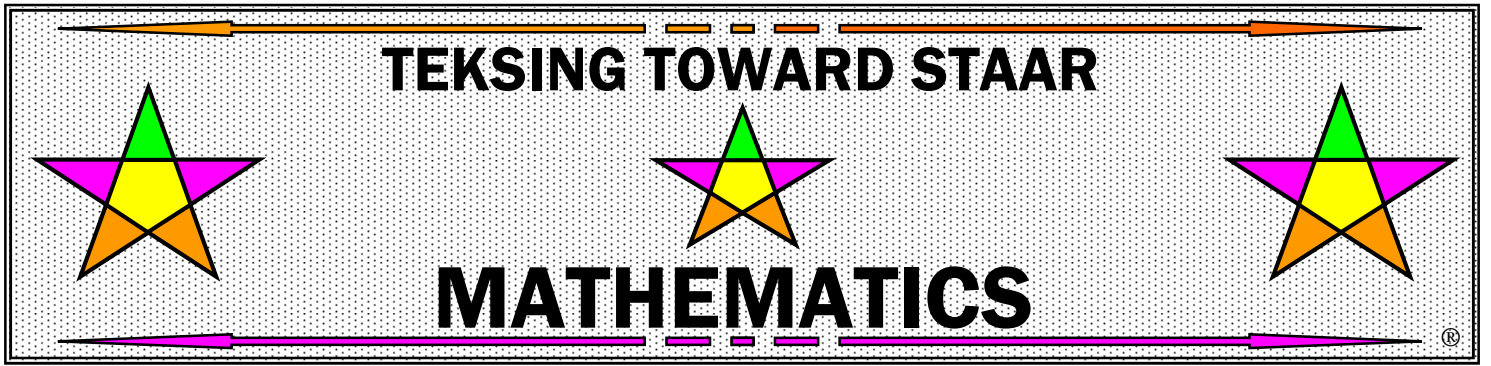
- Blueprint Assessments can be broken up into sections and given over a period of time, or can be given in a STAAR day type setting.
- Blueprint Assessment 1 is designed to be given at the beginning of a school year, as much to find out what students HAVE mastered, as to find out what students HAVE NOT mastered.
- Blueprint Assessment data should be recorded in a Class Profile and a Student Profile.
- Blueprint Assessment 2 is designed to be given at the beginning of the second semester to assess whether students are able to demonstrate mastery of TEKS that have been taught, as well as assess TEKS that have not been taught.
- Blueprint Assessment 2 should help teachers make instructional decisions regarding time spent on whole class instruction for TEKS that have not been taught, as well as time spent on TEKS in tutorial settings – for whole class and/or small group.

PRINTING INSTRUCTIONS

Open **Blueprint Assessments** folder on CD

- Open and Print **Assessment 1** - Close **Assessment 1**
- Open and Print **Assessment 2** - Close **Assessment 2**

Close **Blueprint Assessments** folder



GRADE 3

STAAR

Blueprint

Assessment 1

TEKSING TOWARD STAAR
Mathematics Blueprint Assessment 1
Grade 3

Teacher Notes:

The following information is from the STAAR Grade 3 Mathematics Blueprint released from the TEA in January 2014:

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- 35% - 40% of the questions will assess Supporting Standards – 16-18 of 46 total questions
- 43 questions will be multiple choice format and 3 questions will be griddable format

This Blueprint Assessment has been designed with the above information in mind and includes 46 questions so that teachers and students will be able to have a feel for the time it will take students to complete the actual STAAR test.

Remember to encourage your students to utilize the Grade 3 Mathematics Reference Materials. You might consider copying the chart on cardstock for stability when students are using the rulers to answer test items.

TEKSING TOWARD STAAR
Mathematics Blueprint Assessment 1
 Grade 3
 Answer Key, Category/Standard and TEKS Correlation

Question	Answer	Category/Standard	TEKS		Question	Answer	Category/Standard	TEKS
1	C	2/Readiness	3.4A		24	G	2/Readiness	3.4A
2	H	1/Readiness	3.2A		25	C	1/Supporting	3.3G
3	D	2/Supporting	3.4B		26	H	2/Supporting	3.4E
4	J	3/Readiness	3.6A		27	B	3/Readiness	3.6A
5	A	4/Supporting	3.4C		28	H	4/Readiness	3.8A
6	J	1/Supporting	3.2C		29	C	1/Readiness	3.3H
7	D	2/Readiness	3.5A		30	H	2/Readiness	3.5A
8	H	3/Readiness	3.6C		31	D	3/Readiness	3.6C
9	B	2/Supporting	3.4G		32	J	2/Supporting	3.4J
10	F	1/Readiness	3.2D		33	D	1/Readiness	3.2A
11	C	2/Readiness	3.5B		34	F	2/Supporting	3.4F
12	J	3/Supporting	3.6D		35	22	3/Readiness	3.7B
13	D	4/Readiness	3.8A		36	F	1/Readiness	3.3F
14	G	1/Supporting	3.3B		37	B	2/Readiness	3.5E
15	B	2/Supporting	3.5D		38	H	3/Supporting	3.7C
16	H	3/Readiness	3.7B		39	B	4/Readiness	3.8A
17	96	2/Readiness	3.5E		40	36	2/Readiness	3.4K
18	G	1/Supporting	3.3D		41	D	1/Readiness	3.2D
19	D	2/Readiness	3.4K		42	F	2/Supporting	3.4D
20	G	3/Supporting	3.7D		43	A	1/Readiness	3.3H
21	A	4/Supporting	3.8B		44	H	2/Supporting	3.5C
22	H	1/Supporting	3.4I		45	D	3/Supporting	3.6B
23	B	2/Readiness	3.5B		46	F	4/Supporting	3.9A

Mathematical Process Standards: The student expectations are not listed under a separate reporting category. However, these standards are incorporated into all test questions included in the TEKSING TOWARD STAAR Blueprint Assessment 1 since the application of mathematical process standards is part of each knowledge statement.

TEKSING TOWARD STAAR
Grade 3 Mathematics Blueprint Assessment 1

1. Margo planted 38 tulip bulbs, 22 daffodil bulbs, and 35 iris bulbs in her garden. She wants to find the total number of bulbs she planted. Which of the following uses the Commutative Property of Addition to find the total number of bulbs?

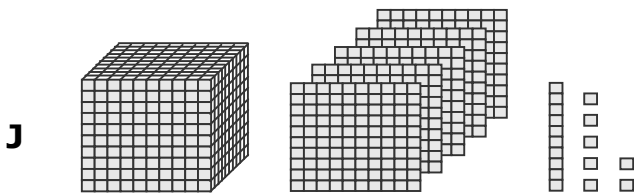
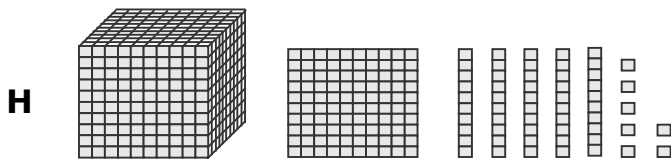
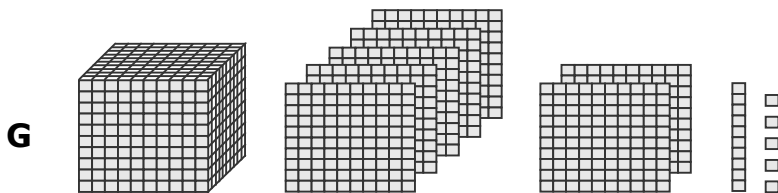
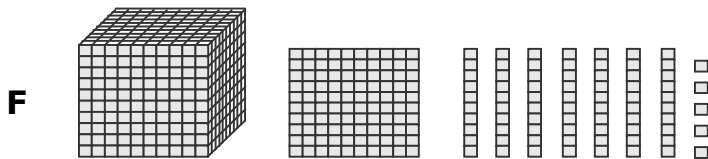
A $22 + 35 + 38 = (22 + 35) + 38$

B $22 + 35 + 38 = 22 + (35 + 38)$

C $22 + 35 + 38 = 22 + 38 + 35$

D $22 + 35 + 38 = (22 + 35 + 38)$

2. The weight of a dolphin at an aquarium is 1,157 pounds. Which model represents 1,157 pounds?



TEKSING TOWARD STAAR
Grade 3 Mathematics Blueprint Assessment 1

3. Bethany is making pillows for her couch. She needs 188 inches of fringe for one pillow and 523 inches of fringe for the other pillow. Which is the best estimate for the length of fringe she needs for both pillows?

- A** 600 inches
- B** 500 inches
- C** 800 inches
- D** 700 inches

4. Look at the three figures below.

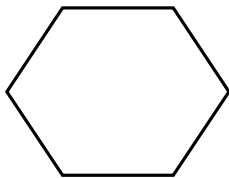


Figure 1

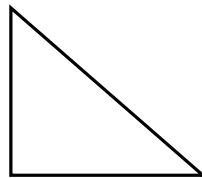


Figure 2

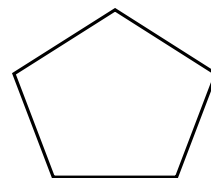


Figure 3

Which statement is true?

- F** Figure 1 has exactly 2 more vertices than Figure 3.
- G** Figure 2 has exactly 2 less angles than Figure 1.
- H** Figure 3 has exactly 3 more sides than Figure 2.
- J** Figure 1 has exactly twice as many vertices as Figure 2.

5. The coins and bills shown below represent the money Hilda has in her purse.

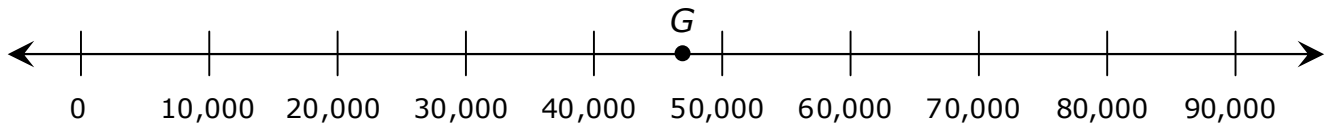


Which is the amount of money Hilda has in her purse?

- A** \$7.29
- B** \$6.25
- C** \$7.04
- D** \$6.39

TEKSING TOWARD STAAR
Grade 3 Mathematics Blueprint Assessment 1

6. Look at the number line below.



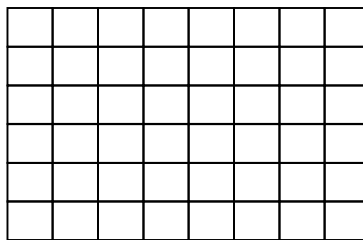
Which of the following describes the location of point *G* on the number line?

- F** Point *G* is closer to 40,000 than 50,000 on the number line.
- G** Point *G* is located at about 40,000 on the number line.
- H** Point *G* is closer to 60,000 than 50,000 on the number line.
- J** Point *G* is closer to 50,000 than 40,000 on the number line.

7. Petra invited 11 friends and her 5 cousins to her piano recital. Which equation can be used to find the number of people who came to her piano recital if 4 of these people did **NOT** come?

- A** $11 + 5 + 4 = \square$
- B** $11 - 5 - 4 = \square$
- C** $11 - 5 + 4 = \square$
- D** $11 + 5 - 4 = \square$

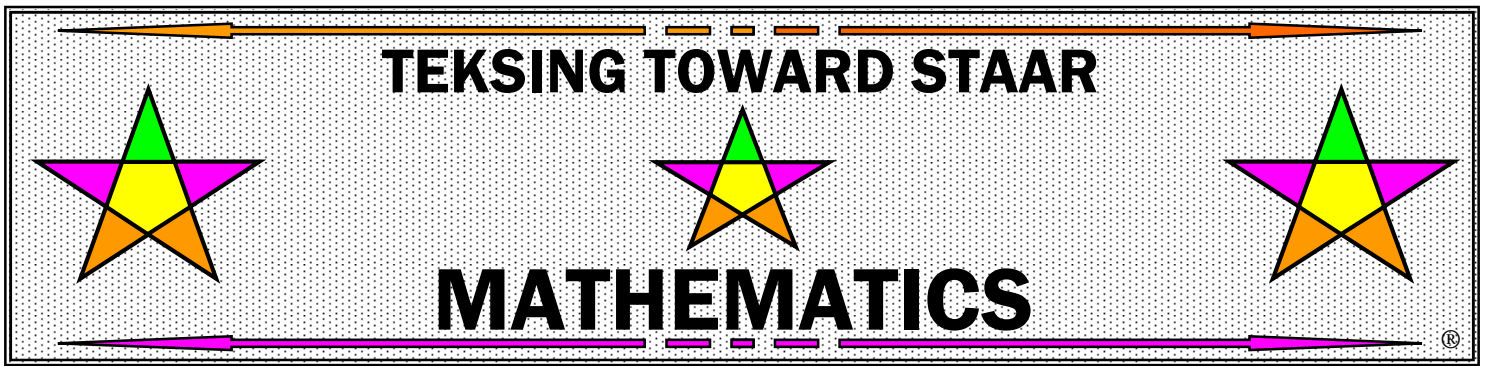
8. Selena is going to cover her kitchen floor with tiles that are 1 square foot each. The floor will be in the shape of a rectangle. The floor will have 6 rows of tile with 8 tiles in each row.



(1 = 1 square foot)

How many 1 square foot tiles will Selena need to cover the floor?

- F** 24
- G** 14
- H** 48
- J** 28



GRADE 3

STAAR

Blueprint

Assessment 2

TEKSING TOWARD STAAR
Mathematics Blueprint Assessment 2
Grade 3

Teacher Notes:

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TEKSING TOWARD STAAR
Mathematics Blueprint Assessment 2
 Grade 3
 Answer Key, Category/Standard and TEKS Correlation

Question	Answer	Category/Standard	TEKS		Question	Answer	Category/Standard	TEKS
1	C	2/Readiness	3.4A		24	J	2/Readiness	3.4A
2	G	1/Readiness	3.2A		25	A	1/Supporting	3.7A
3	A	2/Supporting	3.4B		26	J	2/Supporting	3.4E
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10	G	1/Readiness	3.2D		33	A	1/Readiness	3.2A
11	C	2/Readiness	3.5B		34	G	2/Readiness	3.5B
12	F	3/Supporting	3.6E		35	A	3/Readiness	3.7B
13	C	4/Readiness	3.8A		36	2	1/Readiness	3.3F
14	G	1/Supporting	3.3C		37	B	2/Readiness	3.5E
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22	J	1/Readiness	3.3F		45	A	3/Readiness	3.6B
23	B	2/Readiness	3.5B		46	G	3/Supporting	3.7E

Mathematical Process Standards: The student expectations are not listed under a separate reporting category. However, these standards are incorporated into all test questions included in the TEKSING TOWARD STAAR Blueprint Assessment 2 since the application of mathematical process standards is part of each knowledge statement.

TEKSING TOWARD STAAR
Grade 3 Mathematics Blueprint Assessment 2

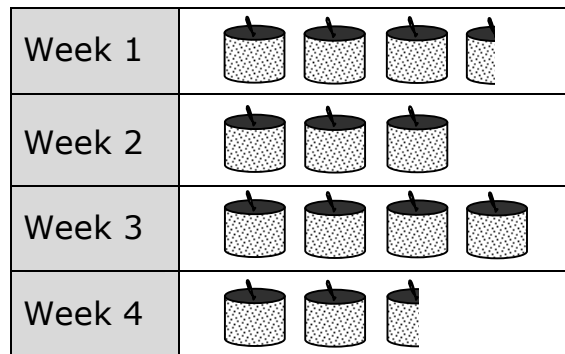
39. Mrs. Maynard kept a record of the number of candles she sold at her store during four weeks. The table below shows the number of candles she sold each week.

Candles Sold





Week	Number of Candles Sold
1	35
2	30
3	40
4	25

The pictograph below represents the data from the table.

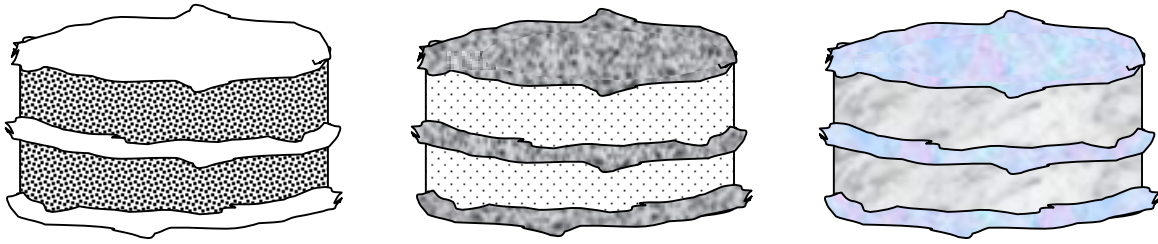
Candles Sold



Which key completes the graph?

- A** Each  means 10 candles sold.
- B** Each  means 35 candles sold.
- C** Each  means 5 candles sold.
- D** Each  means 20 candles sold.

40. A bake sale had the 3 cakes shown below for sale.



Each cake was cut into 6 slices. Each slice sold for \$5. What was the total amount earned for the sale of all the slices of the 3 cakes?

- F \$30
- G \$11
- H \$60
- J \$90

41. A number is missing in the diagram below.

97,869		96,903
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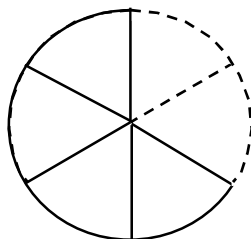
Which number is **NOT** $< 97,869$ and $> 96,903$?

- A 97,860
- B 96,871
- C 96,930
- D 96,969

42. Tomas had 30 school logo pencils. He kept 6 pencils, then he gave 6 pencils to friends until there were none left. How many friends did Tomas give 6 pencils to?

- F 8
- G 4
- H 5
- J 3

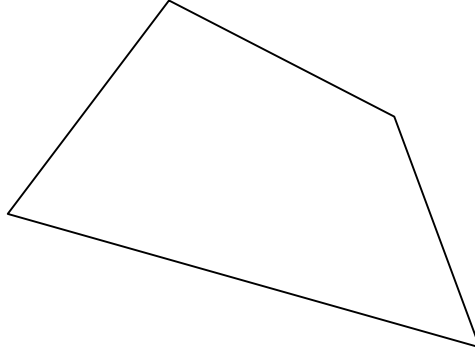
43. Corena divided a circle into 6 equal parts, then she cut 2 of the equal parts out of the circle.



Which fraction represents the part of the circle that Corena did **NOT** cut out?

- A** $\frac{1}{6}$
- B** $\frac{4}{6}$
- C** $\frac{2}{6}$
- D** $\frac{5}{6}$
-
44. Jake saved \$4 in January. Morgan saved 3 times as much as Jake. Which expression represents the amount of money Morgan saved compared to the amount Jake saved?
- F** $4 + 3$
- G** $3 + 3 + 3$
- H** 3×3
- J** 3×4

45. Damien drew a figure.



Which statement about the figure is true?

- A** The figure is a quadrilateral and a polygon because it has 4 sides.
- B** The figure is a trapezoid and a quadrilateral because it has 4 sides.
- C** The figure is a parallelogram and a quadrilateral because it has 4 sides.
- D** The figure is not a quadrilateral because it does not have 4 sides.

46. Which of the following weighs about 1 pound?

- F** A carrot
- G** A loaf of bread
- H** A lime
- J** An apple