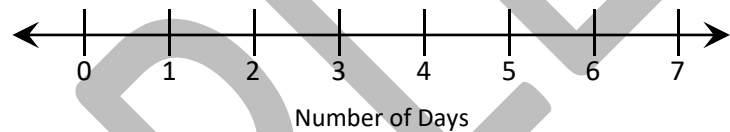# Math GPS

1. A frequency table shows the results of a survey about how many days per week some families eat at a restaurant or fast food location. Create a dot plot to summarize the information.

Eating Out Per Week

Number of Days	Tally
0	I
1	IIII
2	JHHI III
3	JHHI IIII
4	JHHI I
5	III
6	I
7	II

Eating Out Per Week

SAMPLE

0 1 2 3 4 5 6 7

Number of Days

2. How many families ate out less than 4 times per week? Write your answer in a complete sentence.

Answer: _____

TEKS 3.8A, TEKS 3.8B

3. Mrs. Hernandez made the following decisions. Match each decision to a category.

Gave $200 to a fundraiser   •   • Saving

Placed $200 into an emergency fund   •   • Spending

Paid a $75 electric bill   •   • Charitable Giving

TEKS 3.9F

4. A group of figures is shown. Circle the figure that does **not** appear to be a rhombus, trapezoid, rectangle, or square.
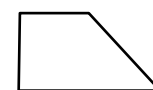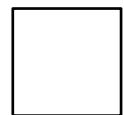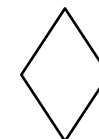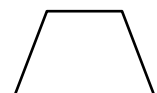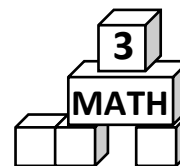
Figure A   Figure B   Figure C

Figure D   Figure E   Figure F
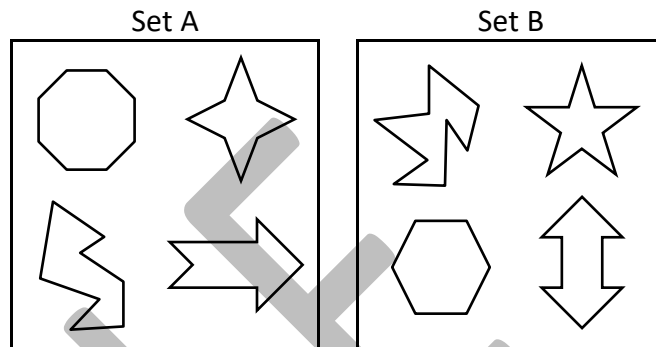
TEKS 3.6B

Math GPS

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1. The table below shows the length of 4 rivers found in the United States.

Rivers in the United States

River	Length (km)
Ohio	2,102
Rio Grande	3,057
Columbia	2,250
Arkansas	2,348

List the rivers in order from longest to shortest.

_____

_____

_____

_____

TEKS 3.2D

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2. Max separated some figures into two sets. The figures in Set A have a common characteristic. The figures in Set B do not have the characteristic.
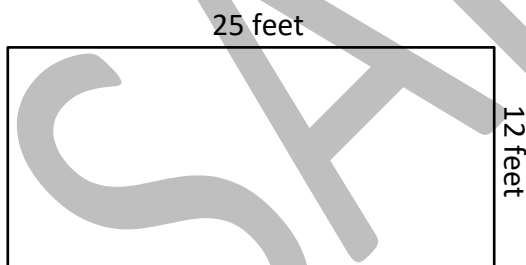
Set A   Set B

What is the characteristic Max used to place the figures in Set A? Explain your answer.

Answer: _____

_____

TEKS 3.6A

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3. A rectangle is shown below. If the perimeter of the rectangle is doubled, what will the new perimeter measure? Answer in a complete sentence.

25 feet

12 feet
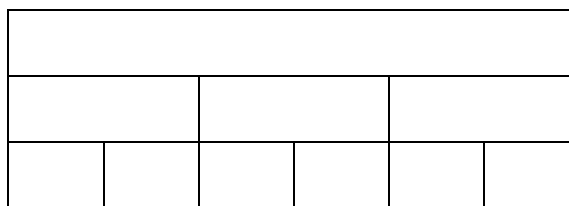
Answer: _____

_____

TEKS 3.7B

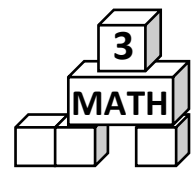**4.** Shade $\frac{2}{3}$ on the fraction strips below.

Fraction Strips

Name another fraction that is equivalent to $\frac{2}{3}$. Answer in a complete sentence.

Answer: _____

_____

TEKS 3.3G

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1. Lynda made 8 stacks of coins. She used a total of 40 coins to make the stacks. She put the same number of coins in each stack. Show what Lynda did using the strip diagrams.

Write an equation to show one way to find the number of coins in each of Lynda's stacks.

Equation: _____

TEKS 3.5B

2. An entomologist studies insects. Sarah is an entomologist who researches the habits of termites. She counted the number of eggs laid by one queen termite in three days. The table shows the results.
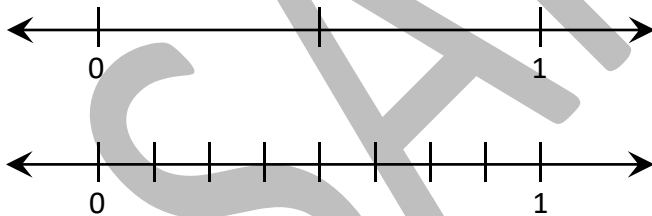
Eggs Laid

Day	Number of Eggs
1	35,879
2	35,986
3	35,890

List the number of eggs in order from least to greatest.

TEKS 3.2D

3. Locate point *D* between 0 and 1 on the first number line below. Locate point *E* on the second number line, so that the two points represent equivalent fractions.

0   1

0   1

Name the two equivalent fractions.

— = —

TEKS 3.3F

4. Brianna and Bryan made 9 peanut butter sandwiches, 9 ham and cheese sandwiches, and 9 turkey sandwiches. Write a multiplication number sentence to find the total number of sandwiches Brianna and Bryan made.
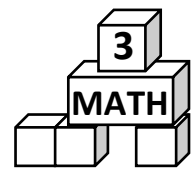
Multiplication Number Sentence

Now write a related division number sentence.

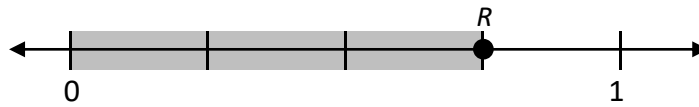| **Division** Number Sentence |
|--|
| |

How many sandwiches did Brianna and Bryan make?

Answer: _____

TEKS 3.4F

12. Point *R* is graphed on the number line shown below.

What is the distance from zero to point *R*?

F. $\frac{4}{5}$ unit

G. $\frac{3}{4}$ unit

H. 3 units

J. $\frac{1}{4}$ unit

TEKS 3.7A

13. A school bus driver made several stops on the route.

- 25 students got on the bus at the first stop.
- 43 students got on the bus at the second stop.
- 19 students got off the bus at the elementary school.
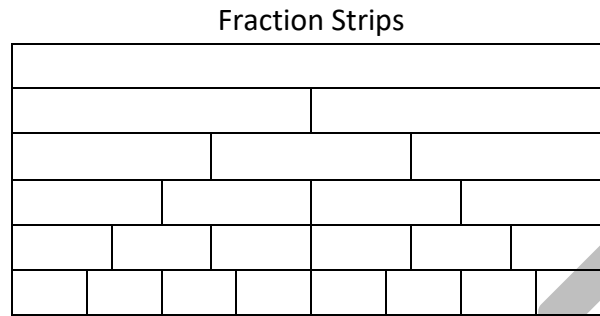
Which number sentence can be used to find the number of students that continued on the school bus to a different school?

A. 25 + 43 + 19 = ☐

B. 25 + 19 – 43 = ☐

C. 43 + 19 – 25 = ☐

D. 25 – 19 + 43 = ☐

TEKS 3.5A
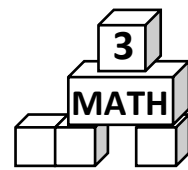
8. Cami used fraction strips like the ones shown in the diagram in order to find equivalent fractions.

Fraction Strips

Which fraction is equivalent to $\frac{3}{4}$?

F. $\frac{7}{8}$ 　　　　 **G.** $\frac{3}{6}$ 　　　　 **H.** $\frac{6}{8}$ 　　　　 **J.** $\frac{1}{2}$

TEKS 3.3F

9. Hanna checked out a new book. Point *P* represents the number of pages Hanna has read this week.

P

0 pages　100　　200　　300　　400　　500　　600　　700

About how many pages has Hanna read this week?

A. 200, because point *P* is less than halfway between 200 and 300.

B. 300, because point P is more than halfway between 200 and 300.

C. 400, because point P is more than halfway between 200 and 400.

D. 100, because point P is less than halfway between 200 and 300.

TEKS 3.2C

10. There are a total of 42 tennis balls in 7 cans. There are the same number of tennis balls in each can. Which equation can be used to find the number of tennis balls in each can?
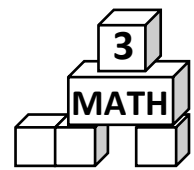
F. 7 x 6 = 42

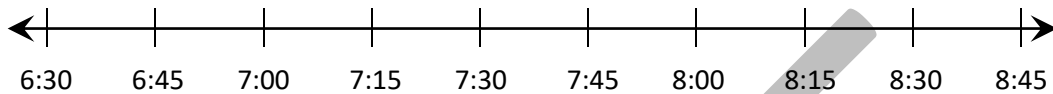**G.** 42 − 7 = 35

H. 42 x 7 = 294

J. 7 + 7 = 14

TEKS 3.4J

3. James began his exercise routine at 6:45 P.M.   He spent --

- 15 minutes running on the treadmill,

- 30 minutes swimming laps,

- and 45 minutes lifting weights.

6:30   6:45   7:00   7:15   7:30   7:45   8:00   8:15   8:30   8:45

What time did James finish his workout?

A. 7:45 P.M.

B. 8:00 P.M.

C. 8:15 P.M.

D. 8:30 P.M.

TEKS 3.7C

4. Third graders at Lark Elementary are collecting cans for the Recycling Center. The table shows how many cans they have collected in 4 weeks.

Can Collection for Recycling Center

Week	1	2	3	4
Number of Cans	136	85	287	190

If the goal is to collect 1,000 cans, how many more cans must the third graders gather?

F.   698

G.   302

H.   1,698

J.   301

TEKS 3.4A