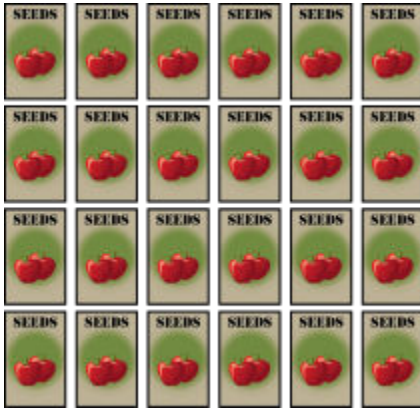


Directions: Answer the following question(s).

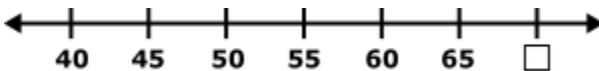
- 1 Suzy was planning her garden and laid out her seed packets in an array. She placed 4 seed packets in each column and 6 seed packets in each row.



Select the expression that matches the total number of seed packets Suzy laid out.

- A. $6 + 6 + 4 + 4$
- B. $6 \times 6 \times 4$
- C. 6×4
- D. $6 \div 4$

- 2 Look at the number line below.

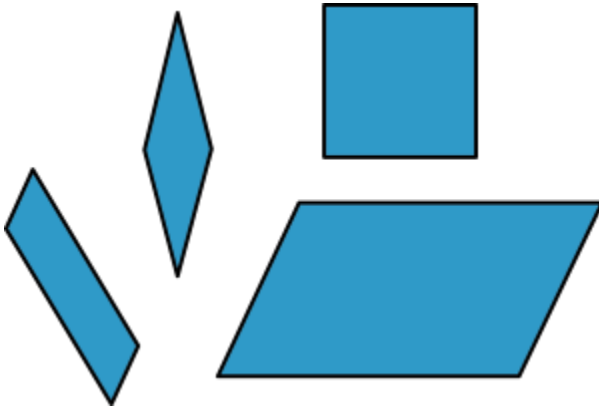


What number belongs in the box on the number line?

- A. 68
- B. 70
- C. 75
- D. 80

Directions: Answer the following question(s).

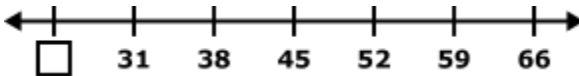
- 3 Look at the group of shapes below.



Which sentence **BEST** describes **ALL** of the shapes?

- A. All of the shapes are parallelograms.
- B. All of the shapes are rectangles.
- C. All of the shapes are rhombuses.
- D. All of the shapes are trapezoids.

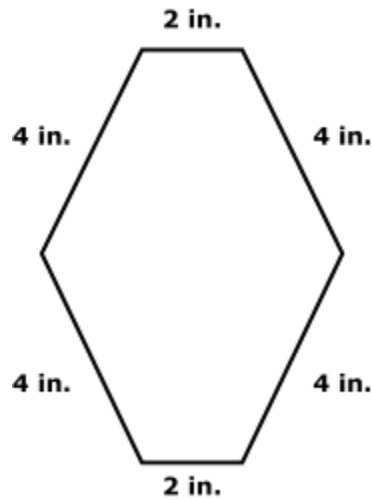
- 4 Look at the number line below.



Enter the number that belongs on the number line in the box below.

Directions: Answer the following question(s).

- 5 The length of each side of the polygon is shown.



Enter the perimeter, in inches, of the polygon.

inches

- 6 There are six balloons. If the balloons are shared equally between two children, how many balloons will each child get?

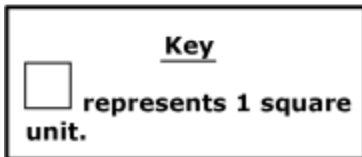
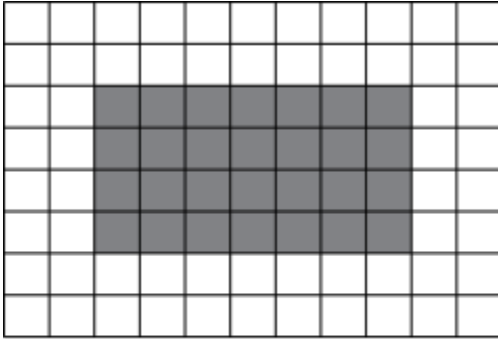
- A. 2
- B. 3
- C. 4
- D. 6

- 7 It takes Rolando five minutes to run one lap around the field. How long will it take Rolando to run four laps?

- A. 5 minutes
- B. 16 minutes
- C. 20 minutes
- D. 25 minutes

Directions: Answer the following question(s).

- 8 A shaded rectangle is shown on the grid.



Part A: What is the perimeter, in units, of the rectangle?

units

Part B: What is the area, in square units, of the rectangle?

square units

- 9 Part of a multiplication table is shown.

12	15	18	21
16	20	24	
20	25	30	35
24	30	36	42

What number correctly completes the pattern in the table? Enter your answer in the table.

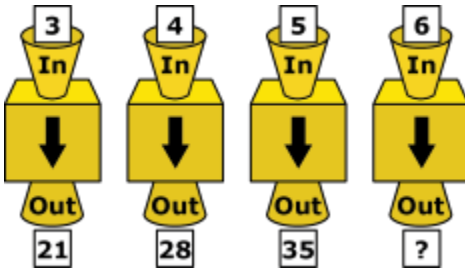
10

- 11 What unknown number makes this equation true?

$$673 - 97 = 673 - 100 + \boxed{}$$

Directions: Answer the following question(s).

- 12 An input/output machine is shown. The same rule is used for each number that is put in the machine. Three numbers that came out of the machine are shown.



Enter the number that comes out of the machine when 6 is put in.

- 13 What is 335 rounded to the nearest hundred?

- 14 Which of the following options are equal to 8×9 ? Select ALL that apply.

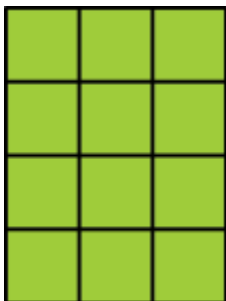
- A. $8 \times (4 + 5)$
- B. $8 \times (4 \times 5)$
- C. $9 \times (4 + 4)$
- D. $9 \times (4 \times 4)$

- 15 Sally is waiting for the bus. It is 10:15 a.m. and the next bus comes at 10:42 a.m.

How long, in minutes, does Sally have to wait for the bus?

 minutes

- 16 Without counting each tile, how can the area of this rectangle be found?



- A. 4×3
- B. $4 \times 4 \times 3 \times 3$
- C. $4 + 3$
- D. $4 + 4 + 3 + 3$

Directions: Answer the following question(s).

17

18 Which number goes in the box to make this number sentence true?

$$30 \div \square = 5$$

- A. 3
- B. 5
- C. 6
- D. 10

19 What number goes in the box to make the following number sentence true?

$$12 \times \square = 36$$

- A. 48
- B. 24
- C. 4
- D. 3

20 Enter the unknown numbers that make each equation true.

$$72 \div 9 = \square$$

$$24 \div 4 = \square$$

Enter the first unknown number in the first blank.
Enter the second unknown number in the second blank.

21 Keith and Justin each correctly used a different number sentence to solve the same problem. Keith used this number sentence:

$$36 \div 9 = 4$$

Which of the following number sentences could Justin have used?

- A. $36 \times 9 = 324$
- B. $4 + 9 = 13$
- C. $4 \times 9 = 36$
- D. $60 - 4 = 56$

22 Sara has 258 crayons and Meena has 467 crayons. How many crayons do they have in total?

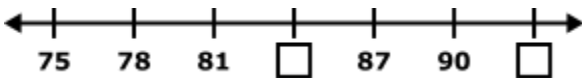
crayons

Directions: Answer the following question(s).

- 23 What unknown number makes the equation TRUE?

$$5 \times 4 \times \boxed{} = 120$$

- 24 Look at the number line below.



The number line is missing two numbers.

The number should go in the first box, and the number should go in the second box.

- 25 When rounding to the nearest ten, what is the LEAST whole number that rounds to 80?

The LEAST whole number that rounds to 80 is .

- 26 What unknown number makes this equation TRUE?

$$467 + 129 = \boxed{}$$

- 27 What is 426 rounded to the nearest ten?

- A. 400
- B. 420
- C. 430
- D. 500

- 28 Use the number line to help you complete the equation.

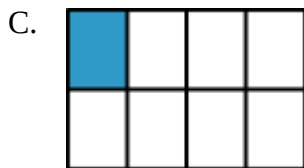


What numerator goes in the box to make the equation true?

$$1 = \frac{\boxed{}}{3}$$

Directions: Answer the following question(s).

- 29 Which model shows $\frac{1}{6}$ of the whole figure shaded?



30

- 31 When Billy was 10 years old he was 44 kilograms. Two years later he is 57 kilograms.

How many kilograms did Billy gain in the past two years?

kilograms

- 32 Enter the unknown numbers that make each equation true.

$4 \times 4 =$

$8 \times 3 =$

Directions: Answer the following question(s).

- 33 A new movie was showing at the movie theater at 12:45. The family arrived at the theater 15 minutes BEFORE the movie began. Pick the clock that shows the time the family arrived at the theater.

A.



B.



C.

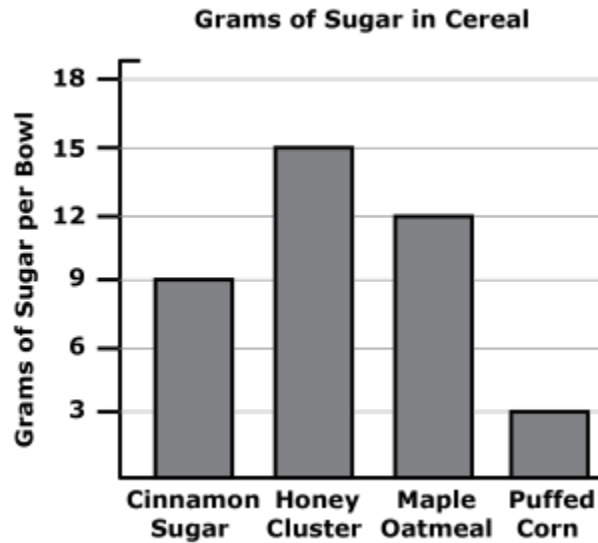


D.



Directions: Answer the following question(s).

- 34 Maria is comparing the amount of sugar in different types of cereal. Use the bar graph below to answer the question.



How many more grams of sugar are in a bowl of Honey Clusters than in a bowl of Cinnamon Sugar?

- 35 Students vote on their favorite school subject. Use the picture graph to answer the question.

Favorite School Subject	
English	◆◆◆◆
Mathematics	◆◆◆◆◆◆◆◆
Science	◆◆
Social Studies	◆◆◆◆◆

◆ = 5 students

How many more students voted for mathematics and science than social studies?

 more students

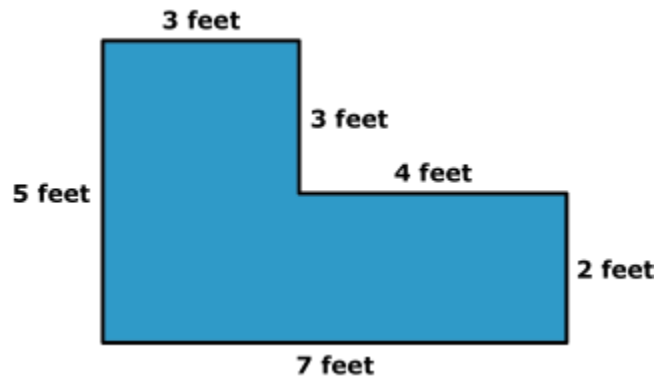
Directions: Answer the following question(s).

- 36 Part of a multiplication table is shown.

14	21	28	35
16		32	40
18	27	36	
20	30	40	50

What two numbers complete the pattern in the table? Enter your answers in the table.

- 37 Mr. Peterson is building a garden in his backyard with the following dimensions.



Mr. Peterson needs to calculate the area of his garden in order to know how much soil to buy. What is the total area of Mr. Peterson's garden?

- A. 14 square feet
- B. 23 square feet
- C. 24 square feet
- D. 35 square feet

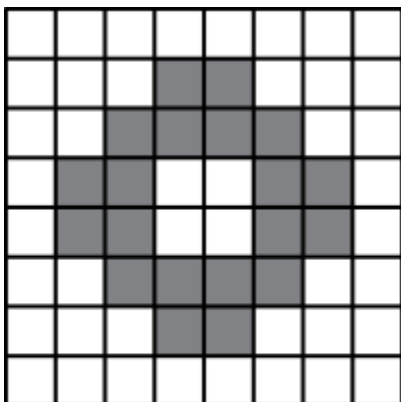
38

39

40

Directions: Answer the following question(s).

- 41 Use this diagram to solve the problem.



 = 1 square unit

Enter the area, in square units, of the shaded figure.

square units

42