

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Grade 3 STAAR Practice Test 1

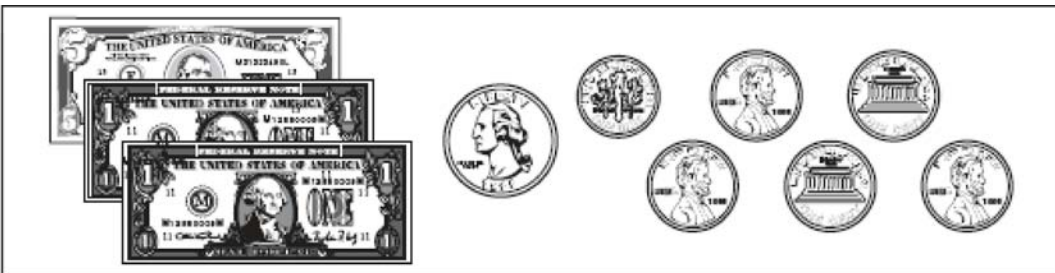
1. Lynn and Dennis have the same amount of money. Lynn has the bills and coins shown below.



A)



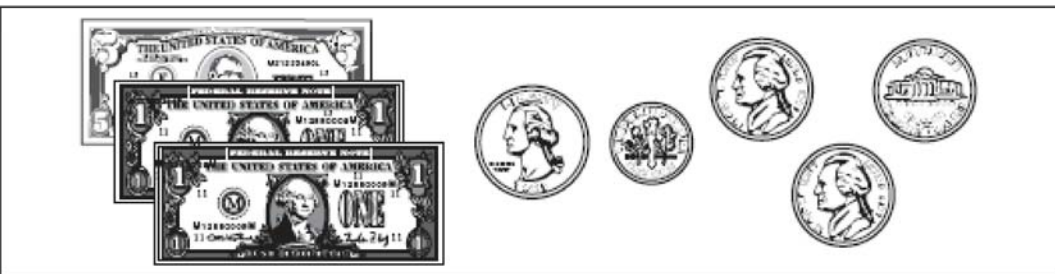
B)



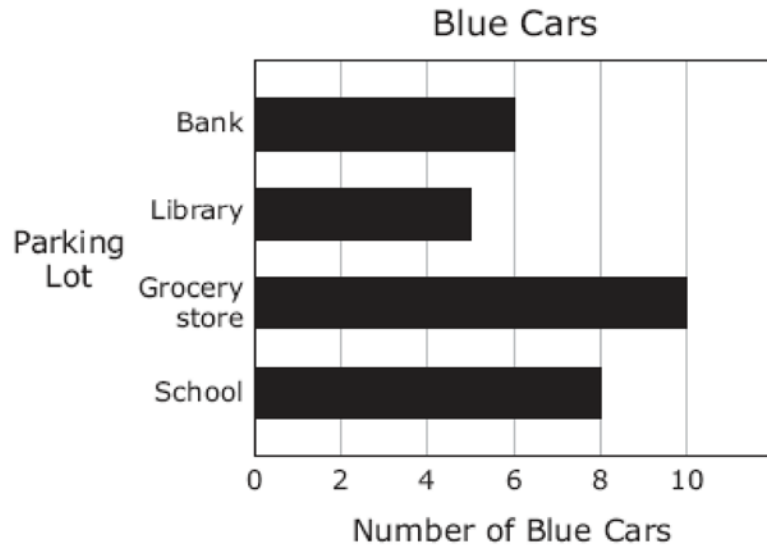
C)



D)



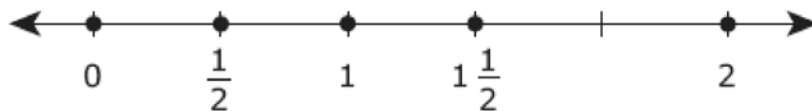
2. Christian counted the number of blue cars in four parking lots. The graph below shows the number of blue cars in each of these lots.



Which two parking lots had a difference of 3 blue cars?

- A) Grocery store and library      C) Grocery store and bank  
B) School and library              D) School and bank

3. Which of the following numbers is **NOT** located correctly on the number line below?



- A) 1  
B)  $\frac{1}{2}$   
C) 2  
D)  $\frac{1}{2}$

4. Mrs. Borden wrote the following statements to describe two geometric figures.

- Figure A has 5 vertices.
- Figure B has 5 faces.

Which two figures fit these descriptions?

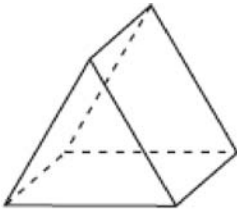


Figure A

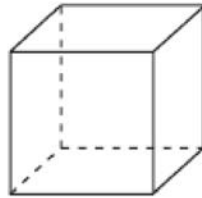


Figure B

A)

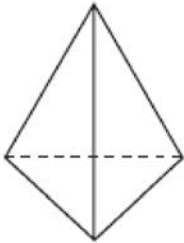


Figure A

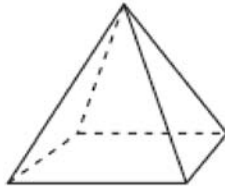


Figure B

B)

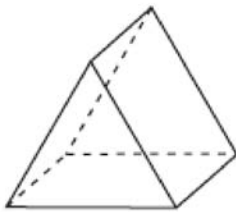


Figure A

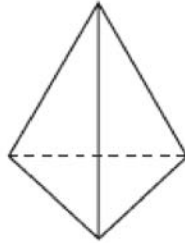


Figure B

C)

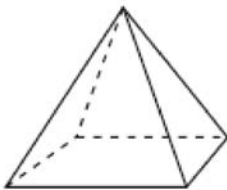


Figure A

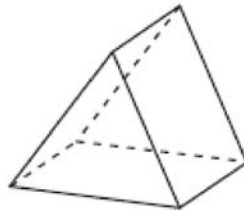
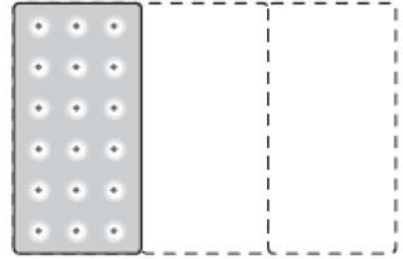


Figure B

D)

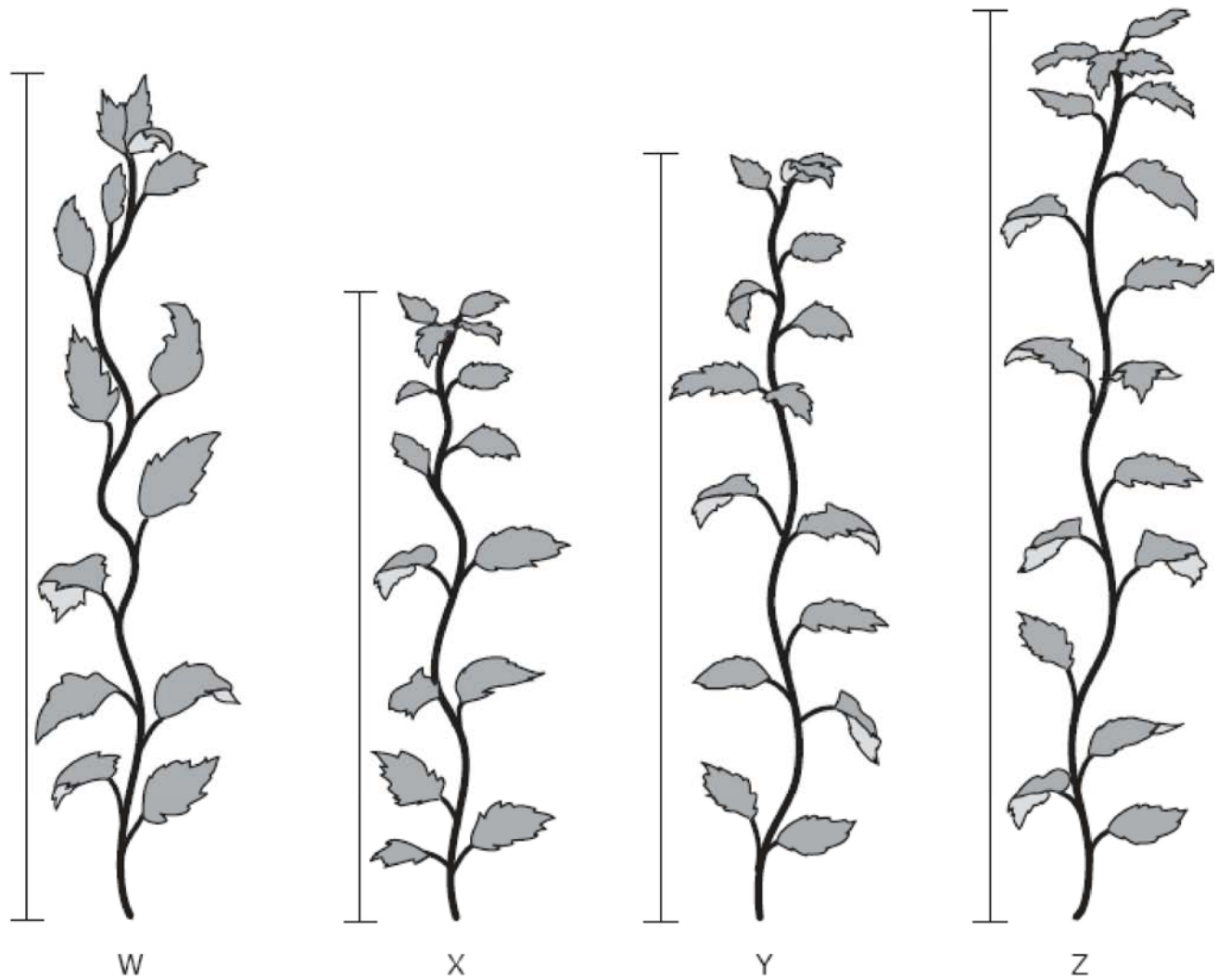
5. Bobby ate part of a cracker during snack time at school. The picture below shows how much of the cracker Bobby has left.



Which fraction shows how much of the cracker Bobby ate?

- A)  $\frac{2}{1}$
- B)  $\frac{2}{3}$
- C)  $\frac{1}{2}$
- D)  $\frac{1}{3}$

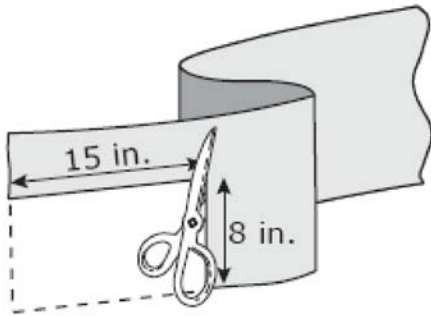
6. For his science experiment Raúl recorded the heights of the plants shown below.



Use the ruler provided to measure the line segments next to the plants in centimeters. Which two plants have a total height of 23 centimeters?

- A) W and Y
- B) Z and W
- C) Y and X
- D) X and Z

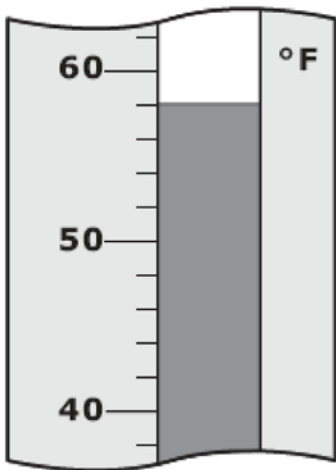
7. Maria cut out a rectangle 15 inches long and 8 inches wide from a piece of cloth.



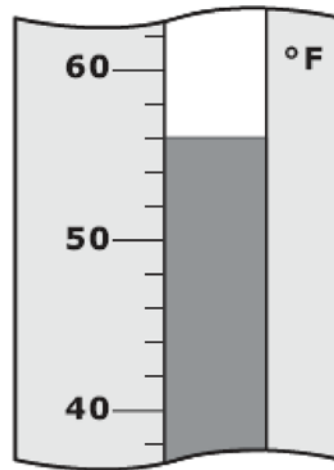
What is the perimeter of her rectangle?

- A) 38 in.  
B) 31 in.  
C) 23 in.  
D) 46 in.
8. Andrew checked the thermometer outside his window. He saw that the temperature was below  $55^{\circ}\text{F}$ . Which thermometer could show the temperature outside Andrew's window?

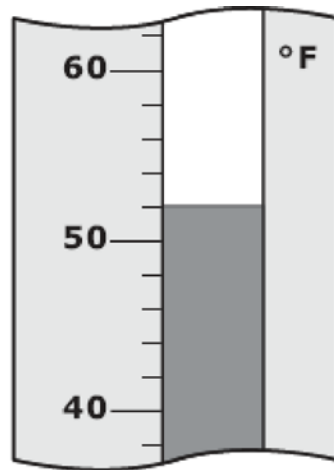
A)



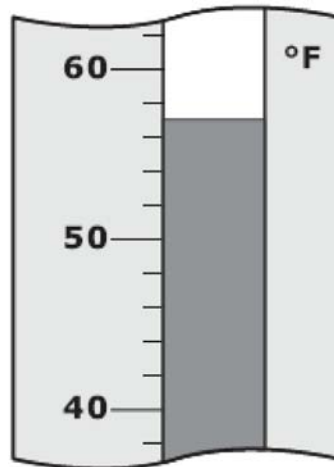
B)



C)



D)

















9. Mr. Hubert kept a record of the number of cookies he sold at his store during four weeks. The table below shows the number of cookies he sold each week.

**Cookies Sold**





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

The pictograph below represents the data from the table.

**Cookies Sold**

Week 1	  
Week 2	   
Week 3	   
Week 4	  

Which key correctly completes the graph?

- A) Each  means 20 cookies he sold.
- B) Each  means 5 cookies he sold.
- C) Each  means 25 cookies he sold.
- D) Each  means 10 cookies he sold.

10. Mr. Garza has three kinds of animals on his farm. He has 6 dogs. He has twice as many cows as dogs. He has 3 times as many sheep as cows. How many sheep does Mr. Garza have on his farm?

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

11. Luther waited 50 minutes in line to buy tickets to a play. While waiting, Luther played his video game for 12 minutes and read a book for 25 minutes. The rest of the time, Luther talked to his best friend Chuck. How much time did Luther spend talking to Chuck?

- A) 38 minutes
- B) 37 minutes
- C) 25 minutes
- D) 13 minutes

12. Look at the pattern of shaded triangles below.

Figure 1



Figure 2

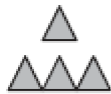


Figure 3

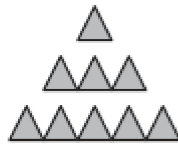


Figure 4

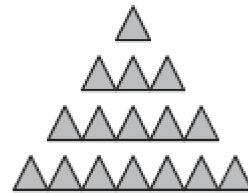


Figure 5

If this pattern continues, what is the total number of shaded triangles that will be in Figure 5?

A) 25

C) 9

B) 16

D) 30

13. Gary drinks the same amount of milk every morning with breakfast. The table below shows the total amount of milk he drinks during different numbers of mornings.

Gary's Morning Milk

Number of Mornings	Total Amount of Milk (fl oz)
2	24
3	36
5	
8	96

How many fluid ounces of milk does Gary drink during 5 mornings?

- A) 48 fl oz  
B) 128 fl oz  
C) 60 fl oz  
D) 65 fl oz
14. When Ellen arrived at school at 8:47 A.M., she was 22 minutes late. At what time did school start? Mark your answer.  
A) 8:25 A.M.  
B) 8:20 A.M.  
C) 8:30 A.M.  
D) 8:15 A.M.

15. School is out at 2:45 P.M. It takes Kip 30 minutes to walk to his house. At what time will he arrive at his house?

- A) 3:00 P.M.  
B) 2:15 P.M.  
C) 3:30 P.M.  
D) 3:15 P.M.

16. The table below shows the amount of flour needed to bake different numbers of loaves of bread. How many cups of flour are needed to bake 10 loaves of bread? Mark your answer.

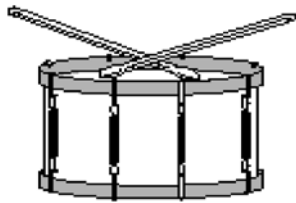
Baking Bread

Loaves of Bread	Cups of Flour
2	6
3	9
5	15
6	18

Record your answer in answer document. Be sure to use the correct place value.



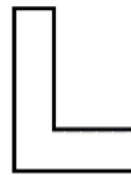
17. Jamal's little brother has a drum.




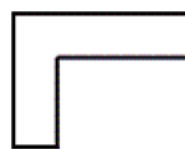
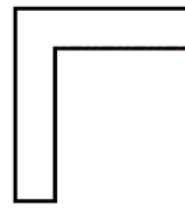
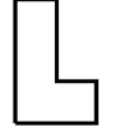
Which geometric figure does this drum best represent? Mark your answer.

- A) Sphere
- B) Cylinder
- C) Cone
- D) Pyramid

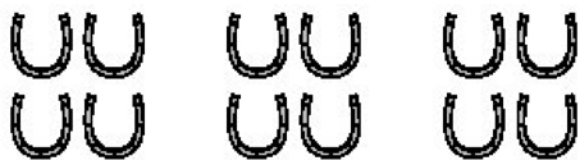
18. Look at the figure.



Which figure is congruent to the figure above? Mark your answer.

- A) 
- B) 
- C) 
- D) 

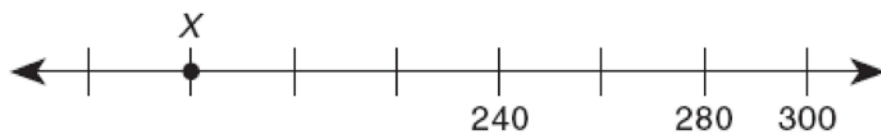
19. Fred needed to put horseshoes on his horses.



If he counted the horseshoes in groups of 4, which list shows numbers Fred could have named?

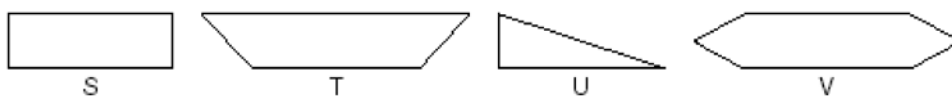
- A) 8, 12, 16, 20
- B) 4, 8, 24, 38
- C) 16, 24, 28, 34
- D) 4, 16, 32, 54

20. What number does point X best represent on the number line below? Mark your answer.



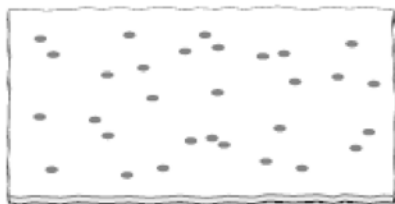
- A) 210
- B) 180
- C) 200
- D) 237

21. Which shape has fewer than 4 sides? Mark your answer.



- A) S
- B) U
- C) T
- D) V

22. Jared's favorite type of cracker is shown below. Use the ruler on the Mathematics Chart to measure the perimeter of this cracker in inches.



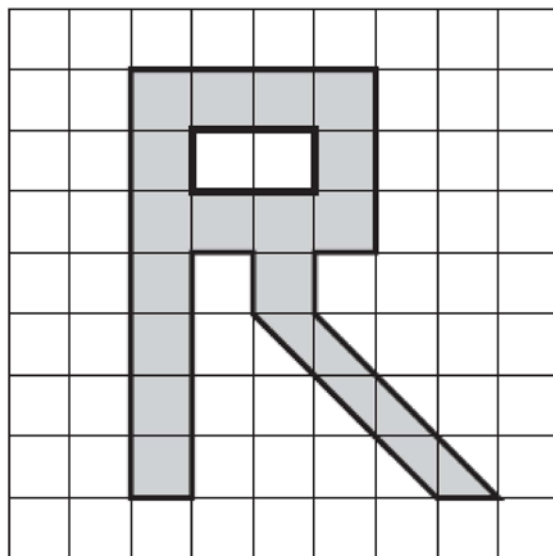
What is the perimeter of Jared's favorite type of cracker to the nearest inch?

- A) 2 in.  
B) 6 in.  
C) 15 in.  
D) 5 in.
23. The school auditorium has 99 seats. People are sitting in 68 of the seats. Which is the best estimate of the number of seats that do NOT have people sitting in them?
- A) 170  
B) 100  
C) 30  
D) 20
24. What numeral means the same as  $50,000 + 3,000 + 10 + 3$ ? Mark your answer.
- A) 50,303  
B) 53,313  
C) 50,313  
D) 53,013

25. Rachel counted 8 apartment buildings in her neighborhood. Each building had 10 apartments. Some apartments had 2 bedrooms. What was the total number of apartments in her neighborhood? Mark your answer.

- A) 160  
B) 18  
C) 20  
D) 80

26. Rudy made the design below on graph paper.



If each square measures 1 square centimeter, which of these is closest to the area of the shaded part of Rudy's design? Mark your answer.

- A) 21 square centimeters  
B) 15 square centimeters  
C) 18 square centimeters  
D) 20 square centimeters

27. Jorge counted 16 daisies, 21 roses, and 27 carnations at the flower shop. What was the total number of daisies and carnations? Mark your answer.

A) 48  
B) 43  
C) 37  
D) 64

28. Use the ruler on the Mathematics Chart to measure the sides of Ana's school picture in centimeters.



Which is closest to the perimeter of Ana's school picture? Mark your answer.

A) 13 cm  
B) 26 cm  
C) 8 cm  
D) 5 cm

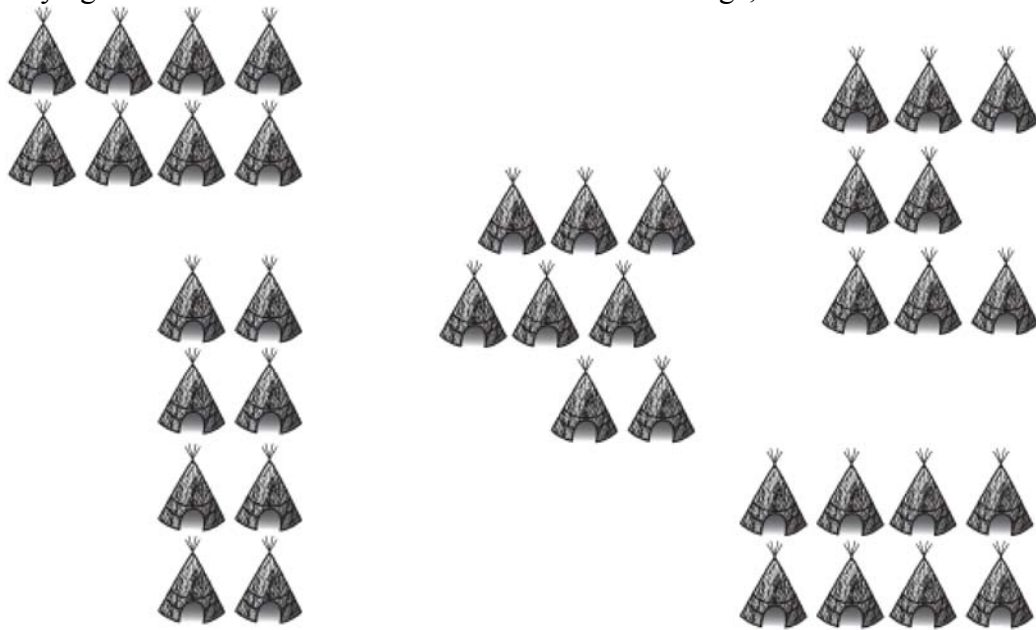
29. Teresa's party started at 6:30 P.M. and ended at 9:00 P.M.



What was the total amount of time that Theresa's party lasted? Mark your answer.

A) 2 hours 30 minutes  
B) 3 hours 30 minutes  
C) 3 hours  
D) 2 hours

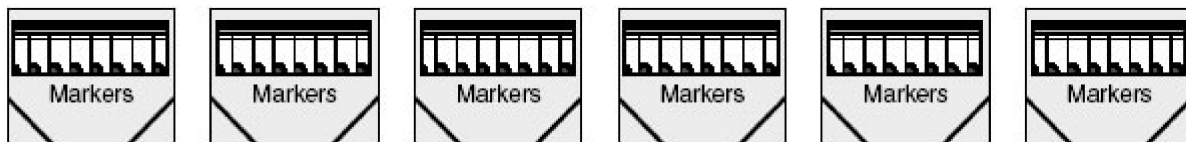
30. Kentrall is studying Native American homes. He made a model village, as shown below.



Which could be used to find the total number of homes in Kentrall's model village? Mark your answer.

- A)  $8 \div 5 =$
- B)  $5 \times 8 =$
- C)  $8 - 5 =$
- D)  $5 + 8 =$

31. Miss Gray had boxes of markers in her art tray. Each box had 8 markers in it.

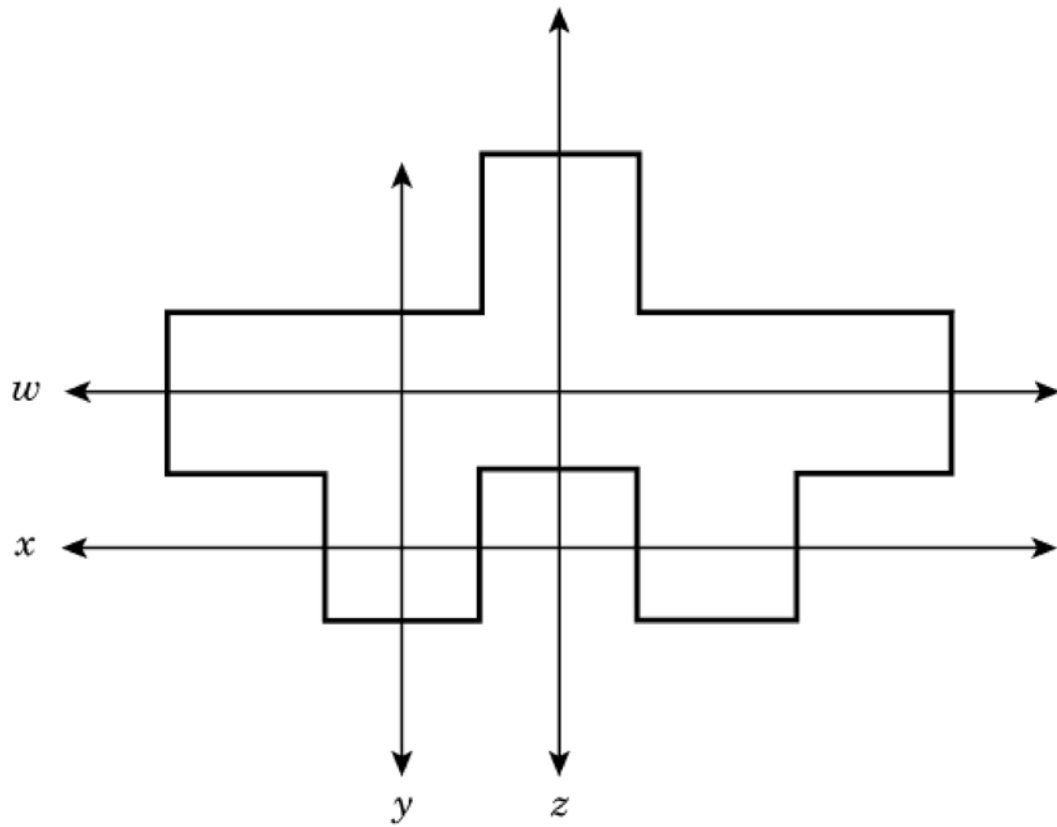


If Miss Gray counted the markers in groups of 8, which list shows numbers she could have named?

- A) 16, 24, 30, 36
- B) 8, 16, 20, 24
- C) 16, 24, 32, 40
- D) 8, 12, 16, 20

32.

In the figure below, which line best represents a line of symmetry? Mark your answer.



- A) Line  $w$
- B) Line  $z$
- C) Line  $x$
- D) Line  $y$

33.

Donna read her library book from 8:15 P.M. to 8:32 P.M. Which clock shows the time Donna stopped reading her book? Mark your answer.



A)



B)

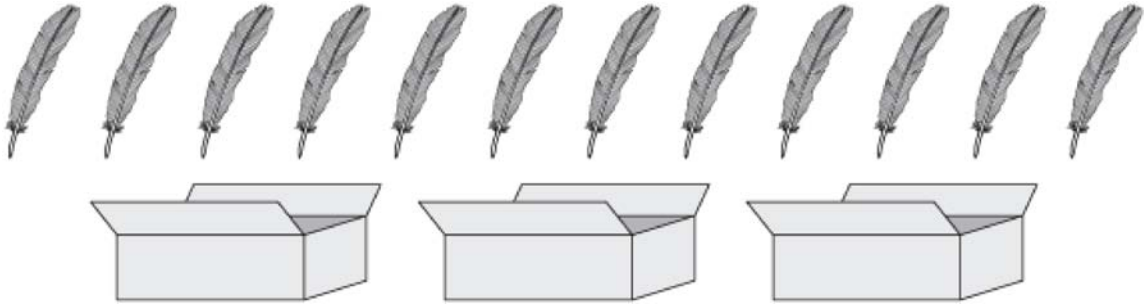


C)



D)

34. Bill had 12 feathers to put into 3 boxes. He put the same number of feathers in each box.



Which number sentence shows how many feathers Bill put in each box? Mark your answer.

- A)  $12 \div 3 = 4$   
B)  $12 \times 3 = 36$   
C)  $12 - 3 = 9$   
D)  $12 + 3 = 15$
35. Mrs. Hebert gave each of her students a card with a number sentence on it. The table below shows the number sentences on 4 students' cards. Which 2 students received number sentences that are in the same fact family? Mark your answer.

Number-Sentence Cards

Student	Number Sentence
Julio	$24 \div 6 = 4$
Connor	$3 \times 8 = 24$
Katie	$3 \times 4 = 12$
Dionne	$24 \div 8 = 3$

- A) Connor and Dionne  
B) Connor and Katie  
C) Julio and Dionne  
D) Julio and Katie



36.

There are four students who attend the math club's meetings after school. Each time a student attends a meeting, a ticket with that student's name on it is placed into a jar. The table below shows the number of tickets each student has in the jar after six weeks.

**Math Club Ticket Jar**

Student	Number of Tickets
Alexis	5
Michelle	3
Nathan	6
Sergio	5

A ticket is taken from the jar at random. Which of these best describes the chance that the ticket will have Michelle's name on it rather than another student's? Mark your answer.

- A) Least likely
- B) Impossible
- C) Certain
- D) Most likely

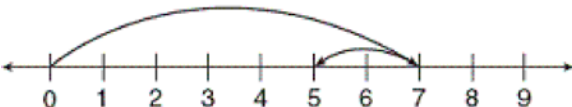
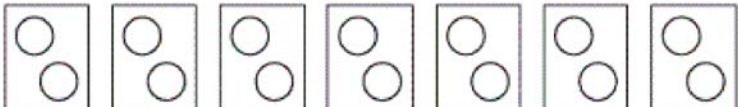
37. Peggy's parents spent \$73 at the shoe store.

Peggy's shoes cost \$24, and her sister Sharon's shoes also cost \$24. The rest of the money was spent on her brother Logan's shoes. How much was spent on Logan's shoes?

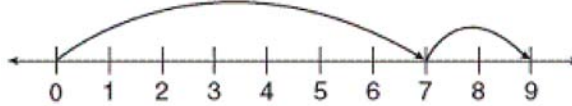
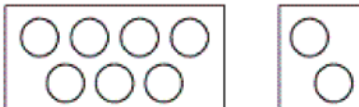
- A) \$48
- B) \$49
- C) \$25
- D) \$27

38. Which model best represents the expression  $7 - 2$ ? Mark your answer.

A)

B)

39. Michael can fit 8 of his friends’ names, addresses, and phone numbers on one page of his address book.

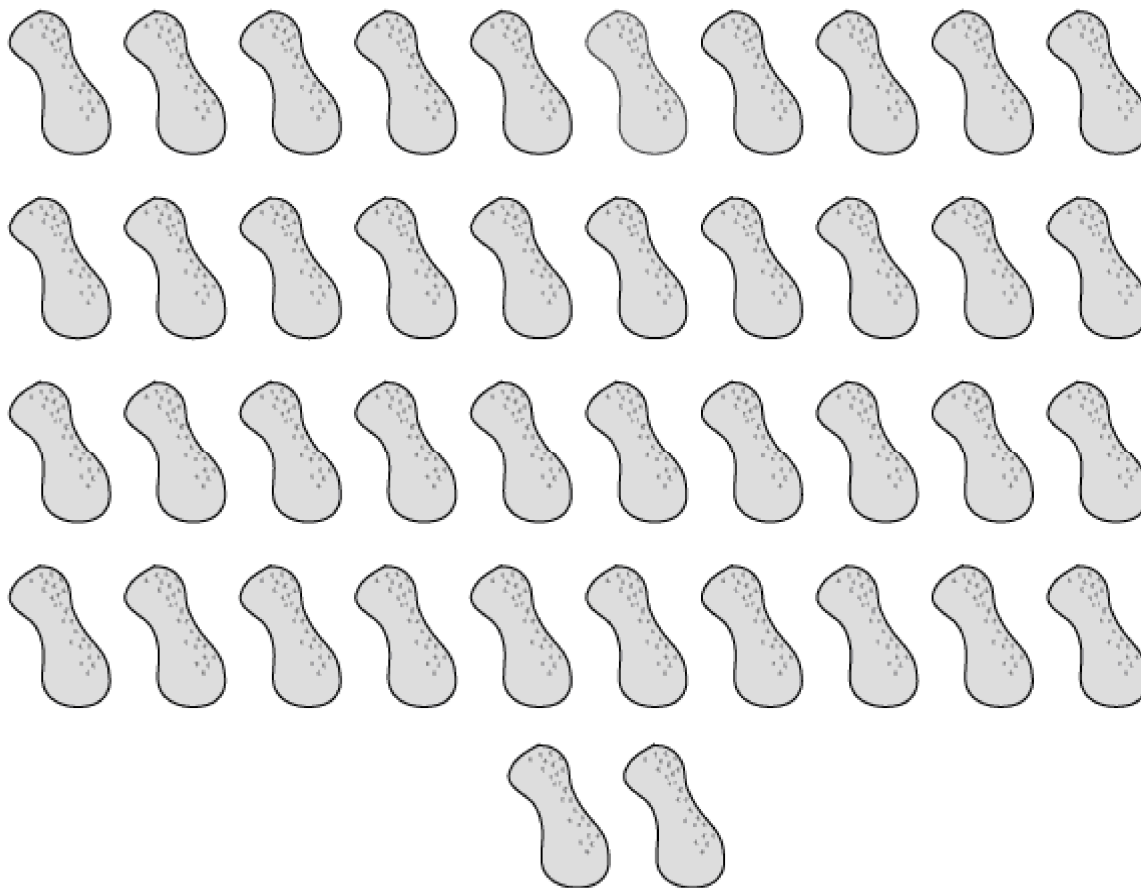
Name _____ Address _____ _____ Phone (    ) -	Name _____ Address _____ _____ Phone (    ) -
Name _____ Address _____ _____ Phone (    ) -	Name _____ Address _____ _____ Phone (    ) -
Name _____ Address _____ _____ Phone (    ) -	Name _____ Address _____ _____ Phone (    ) -
Name _____ Address _____ _____ Phone (    ) -	Name _____ Address _____ _____ Phone (    ) -

How many friends’ names can Michael fit on 8 pages? Mark your answer.

- A) 64
- B) 16
- C) 32
- D) 56

40.

Lance wanted to share 42 peanuts with 7 of his friends.



He gave each friend the same number of peanuts. Which number sentence shows the number of peanuts Lance gave each friend? Mark your answer.

- A)  $42 - 7 = 35$
- B)  $42 + 7 = 49$
- C)  $42 \div 7 = 6$
- D)  $42 \times 7 = 294$

41. The table below shows the number of different-colored stickers Robert has in his collection.

Robert's Stickers

Color	Number of Stickers
Green	37
Red	84
Gold	14
Blue	91

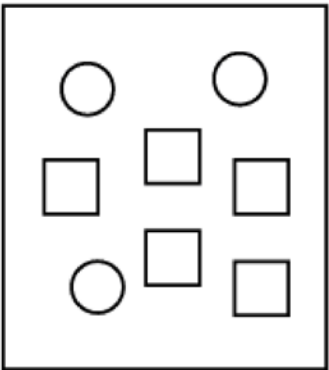
Which number sentence shows the best way to estimate the number of stickers in Robert's collection? Mark your answer.

- A)  $40 + 80 + 10 + 90 = 220$
- B)  $30 + 90 + 20 + 100 = 240$
- C)  $30 + 80 + 10 + 90 = 210$
- D)  $40 + 90 + 20 + 100 = 250$

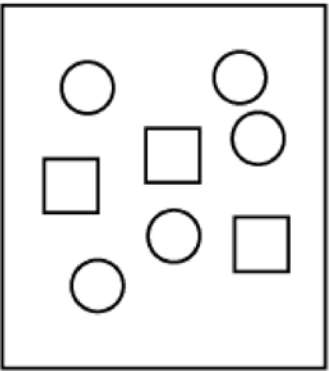
42.

Which of the following groups shows that  $\frac{3}{8}$  of the shapes are circles? Mark your answer.

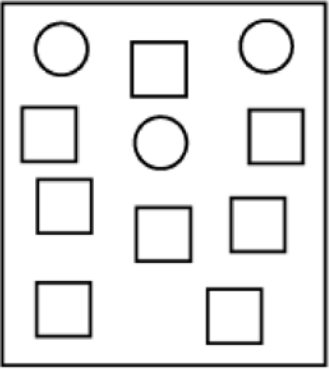
A)



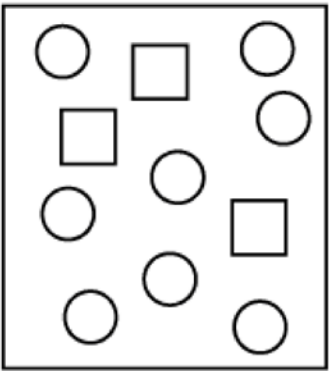
B)



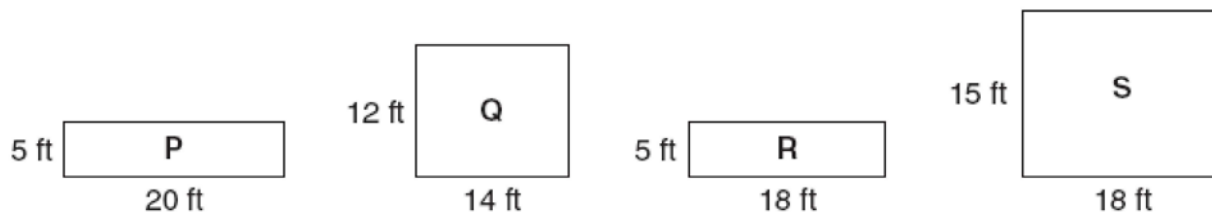
C)



D)



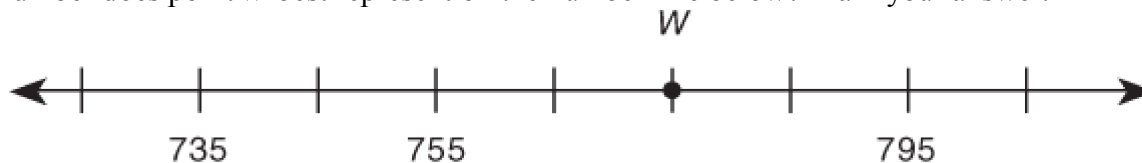
43. Niki's bedroom has a perimeter of 52 feet.



Which rectangle could represent a room with a perimeter of 52 feet? Mark your answer.

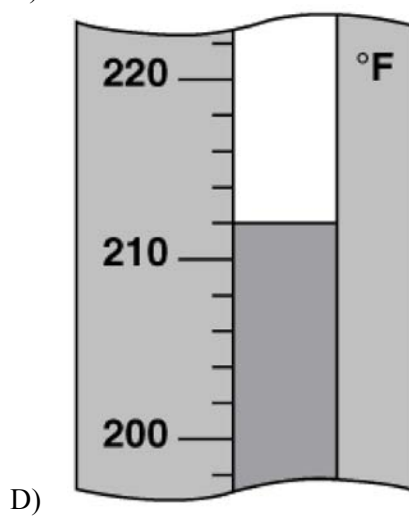
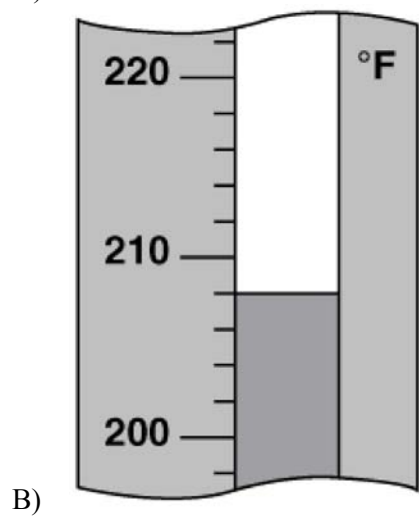
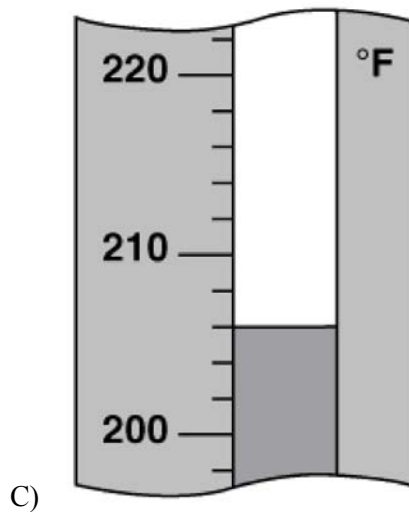
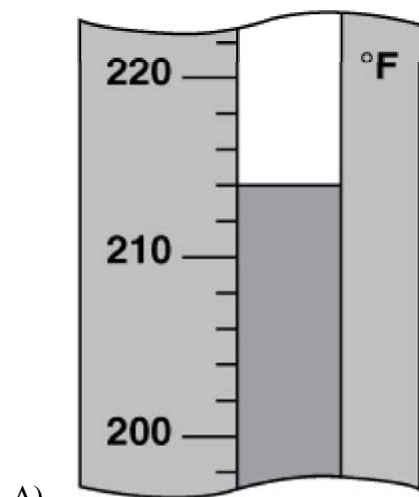
- A) Q
- B) P
- C) R
- D) S

44. Which number does point  $W$  best represent on the number line below? Mark your answer.



- A) 785
- B) 775
- C) 765
- D) 745

45. Water boils at  $212^{\circ}\text{F}$  at sea level. Which of the following thermometers shows this temperature? Mark your answer.



46. Nancy is making necklaces with an equal number of beads on each necklace. The table below shows the number of beads that she needs for different numbers of necklaces.

Nancy's Necklaces

Number of Necklaces	4	5	6	7	8
Number of Beads	36	45		63	72

How many beads does Nancy need for 6 necklaces?

- A) 54
- B) 56
- C) 62
- D) 48