

1. There are 3 girls and 5 girls standing by the entrance to the school carnival. Each child is holding three balloons. One sixth of the balloons are red. There are twice as many green balloons as red ones. The rest of the balloons are blue. Find the number of balloons in each color.

(a) 4 red, 8 green, 12 blue

(c) 4 red, 9 green, 12 blue

(b) 5 red, 9 green, 12 blue

(d) 4 red, 10 green, 12 blue

2. There were several candy bars left over after the class party. The teacher let Davis bring them home because he had helped her with the decorations. Davis ate 2 candy bars. He put the remaining ones into 6 bags making certain that each bag had the same number. He gave one bag to his sister and one to his friend. The Davis has 12 candy bars left. How many candy bars did Davis Have at first?

(a) 16 candy bars

(c) 20 candy bars

(b) 14 candy bars

(d) 12 candy bars

3. Jack has the lead role in the school play. He has to learn 20 lines before opening night. Jack learns 5 lines each day. How many days will it take Jack to learn all his lines?

(a) 15

(c) 25

(b) 4

(d) 7

4. Juanita and Carl did a survey to find the number of different pets owned by students at their school. The results are shown in the pictograph below.



What is the total number of dogs owned by the students at Juanita and Carl's school?

- (a) 9
- (b) 35
- (c) 15
- (d) 45

5. Which numeral is the same as six hundred fifty-six thousand, sixty-two?

(a) 656,062

(c) 656,620

(b) 600,562

(d) 650,662

6. A zookeeper feeds bananas to the monkeys at the zoo. She counts the bananas in groups of 7.



Which list shows only numbers the zookeeper counts?

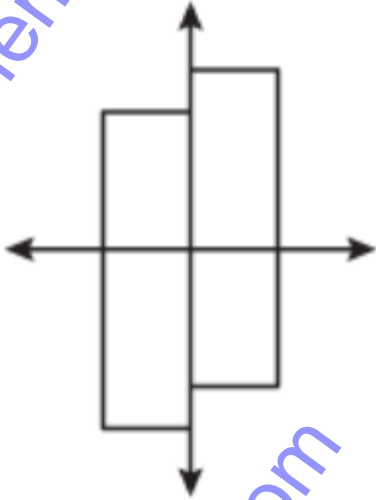
(a) 14, 21, 26, 36, 42

(c) 7, 12, 17, 22, 27

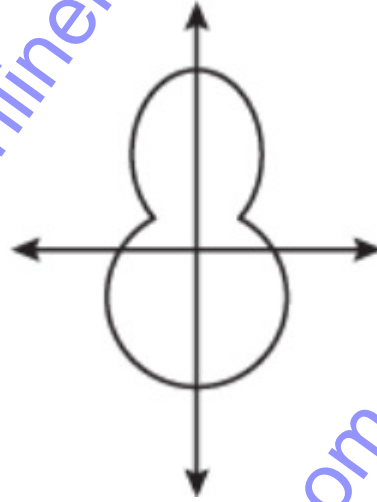
(b) 14, 21, 28, 35, 42

(d) 7, 17, 27, 37, 47

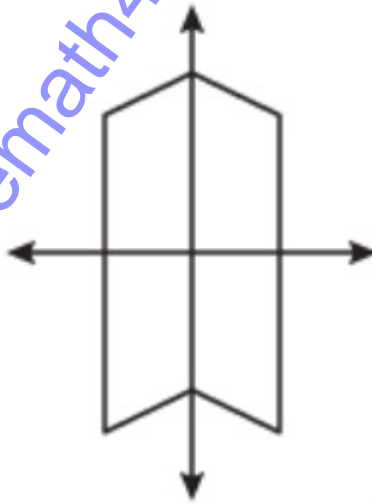
7. Which figure shows more than 1 line of symmetry?



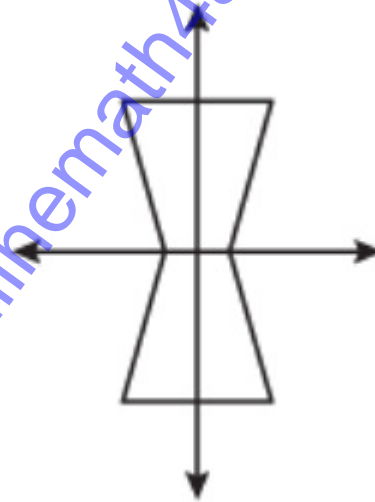
(a)



(c)



(b)



(d)

8. Adam, Brad, and Caitlin counted their trading cards. Adam counted 5 trading cards. Brad had 3 times as many trading cards as Adam. Caitlin counted 4 times as many trading cards as Brad. How many trading cards did Caitlin have?

(a) 60

(c) 8

(b) 55

(d) 130

9. There are 3 times as many as chairs at computer workshop. 18 people had to stand. How many chairs were there?

(a) 6 chairs

(c) 18 chairs

(b) 9 chairs

(d) 27 chairs

10. The table below shows the number of pancakes served at a restaurant during a four-month period.

Pancakes Served

Month	Number of Pancakes
January	5,067
February	4,589
March	4,730
April	4,917

In which of these months did the restaurant serve the least number of pancakes?

(a) January

(c) March

(b) February

(d) April

11. Look at the two groups of numbers shown below.

Group R	Group S
343	412
125	456
334	625
215	514

Which statement about the numbers in these groups is true?

- (a) All the numbers in Group S are greater than 400.
- (b) All the numbers in Group R are odd.
- (c) All the numbers in Group R are less than 300.
- (d) All the numbers in Group S are even.

12. Sam flipped a coin and it landed on heads. If he flips it again, it will...

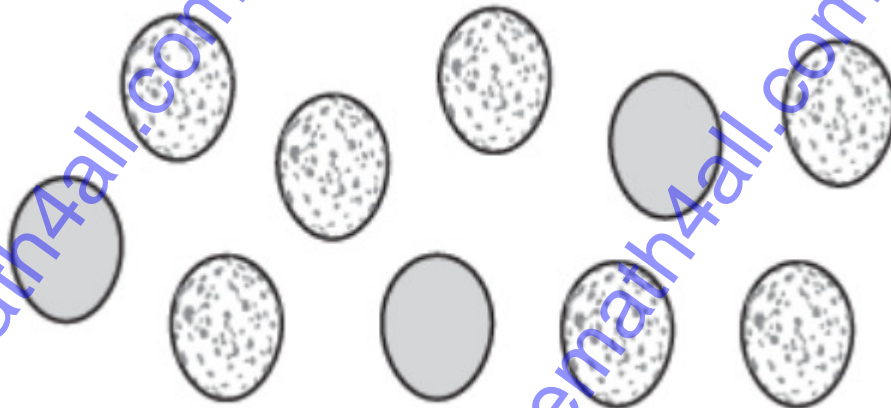
(a) Likely be heads

(c) certainly be heads

(b) Unlikely be heads

(d) have an equal chance to be heads or tails

13. David found these bird eggs in a nest.



What fractions of the eggs shown have spots?

(a) $\frac{3}{7}$

(c) $\frac{7}{3}$

(b) $\frac{3}{10}$

(d) $\frac{7}{10}$

14. 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?

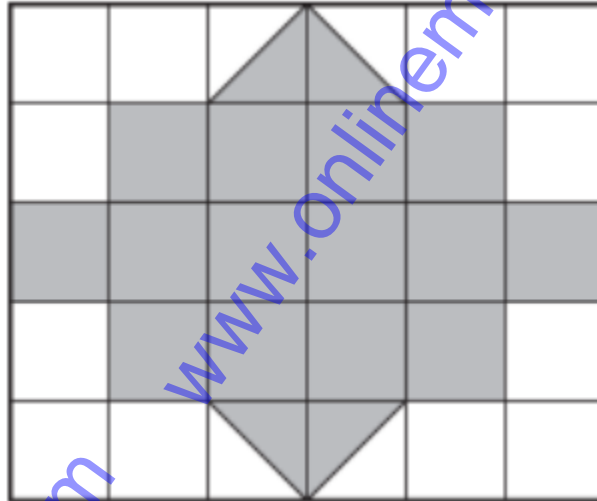
(a) $40 + 90 + 20 + 100 = 250$

(c) $40 + 80 + 10 + 90 = 220$

(b) $30 + 80 + 10 + 90 = 210$

(d) $30 + 90 + 20 + 100 = 240$

15. Lily made the following design on graph paper.



If each square measures 1 square inch, what is the area of the shaded part of the design?

- (a) 18 square inches (c) 14 square inches
(b) 16 square inches (d) 30 square inches

16. Maggie made 3 stacks of wooden blocks. The first stack was 12 blocks tall. The second stack was 3 blocks taller than the first. The third stack was 7 blocks shorter than the second stack. How many blocks did Maggie use in all?

- (a) 35 blocks (c) 12 blocks
(b) 20 blocks (d) 15 blocks

17. Mr. Johnson bought 376 pencils. He lost 39 of them. How many pencils does he have left?

(a) 339

(c) 343

(b) 337

(d) 243

18. Mrs. Fields gives her students 3 stickers for every 5 check marks they get on the class homework chart.

Homework Stickers Chart

Number of Check Marks	Number of Stickers
5	3
10	6
15	9
20	12

If Benito has 30 check marks, how many stickers should he have?

(a) 15

(c) 21

(b) 18

(d) 22

19. Sam's music lesson begins at the time shown on the clock below.



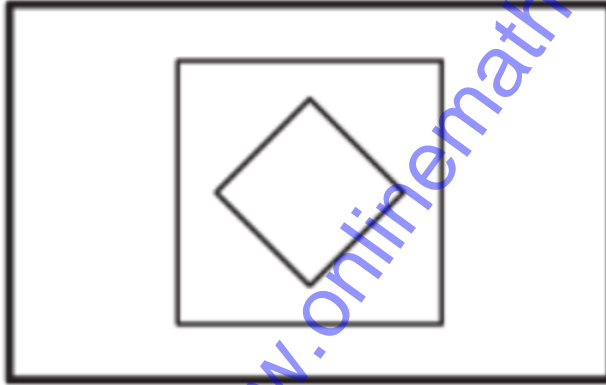
(a) 10:20

(c) 3:50

(b) 10:17

(d) 4:50

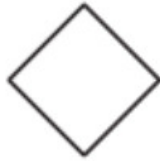
20.



Which two figures below appear to be congruent to the shapes inside the rectangle?



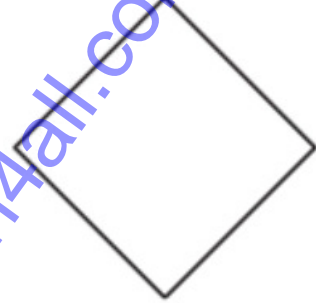
Q



R



S



T

(a) R and T

(c) R and S

(b) Q and R

(d) S and T

21. There are 9 innings in a professional baseball game. Which table correctly shows the number of innings in 3, 5, and 9 professional baseball games?

Number of Games	Number of Innings
3	12
5	14
9	18

(a)

Number of Games	Number of Innings
3	27
5	45
9	81

(c)

Number of Games	Number of Innings
3	18
5	35
9	72

(b)

Number of Games	Number of Innings
3	24
5	40
9	72

(d)

22. Carlos is 52 inches tall. His father is 74 inches tall. Which number sentence can be used to find how much taller Carlos's father is than Carlos?

(a) $74 - 52 =$

(c) $52 \times 74 =$

(b) $74 \div 52 =$

(d) $52 + 74 =$

23. What are the three largest numbers that can be made using the digits 3, 4, 6, and 7? Each digit must be used only once in each number.

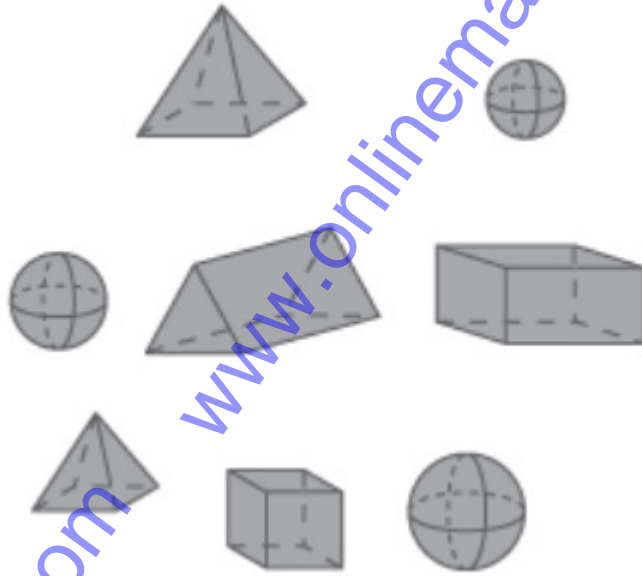
(a) 7,364 7,463 7,643

(c) 7,764 7,763 7,644

(b) 7,643 6,743 4,673

(d) 7,643 7,634 7,463

24. Wesley's younger brother has the figures shown below.



Which of the following best describes these figures?

- (a) Circles, pyramids, and a square
- (b) Triangles, circles, a rectangle, and a square
- (c) Triangles, cubes, and spheres
- (d) Prisms, spheres, pyramids, and a cube

25. The table below shows Mrs. Fisher's supplies for her art class.

Art Class Supplies

Supply	Number
Bottles of glue	38
Scissors	22
Packs of paper	47
Paint sets	25

How many bottles of glue and packs of paper does Mrs. Fisher have?

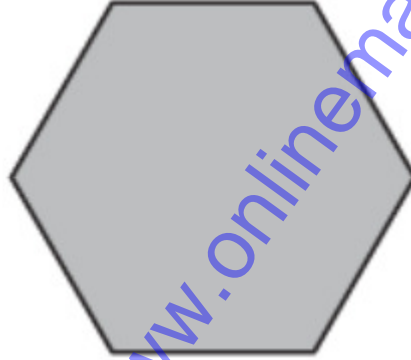
(a) 85

(c) 65

(b) 75

(d) 55

26. Which best names the shape shown below?



(a) Octagon

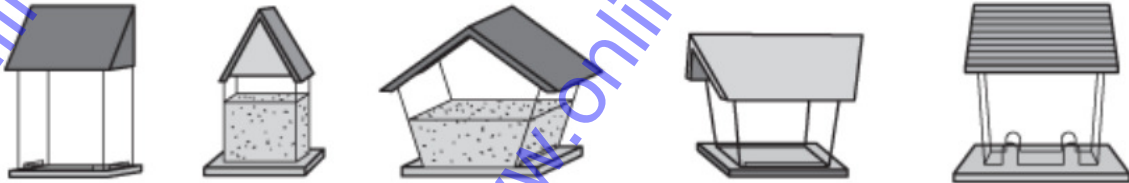
(c) Pentagon

(b) Parallelogram

(d) Hexagon

27. Denise has 5 bird feeders in her yard. Which picture shows birdseed in more than $\frac{3}{5}$ of the bird feeders?

(a)



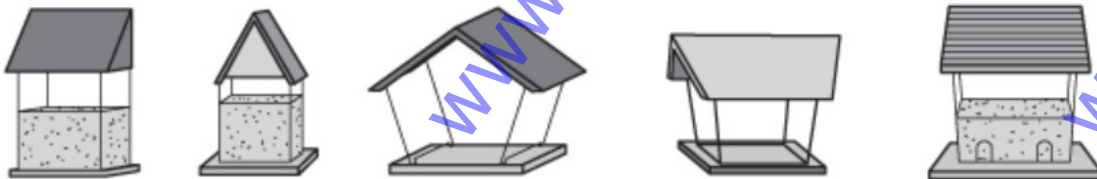
(b)



(c)



(d)



28. 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?

- (a) 16 (c) 56
(b) 32 (d) 64

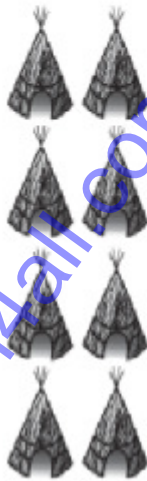
29. Nathan, Basil, and Marissa each have an aquarium at home. Basil has 18 fish. Marissa has twice as many fish as Basil. Nathan has 7 fewer fish than Marissa. Which shows the number of fish that each person has?

- (a) Nathan 7, Basil 18, Marissa 14
- (b) Nathan 29, Basil 18, Marissa 36
- (c) Nathan 11, Basil 18, Marissa 9
- (d) Nathan 43, Basil 18, Marissa 36

30. Which measurement best describes the length of a boot?

- (a) 11 inches
- (b) 11 feet
- (c) 11 yards
- (d) 11 miles

31. 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?

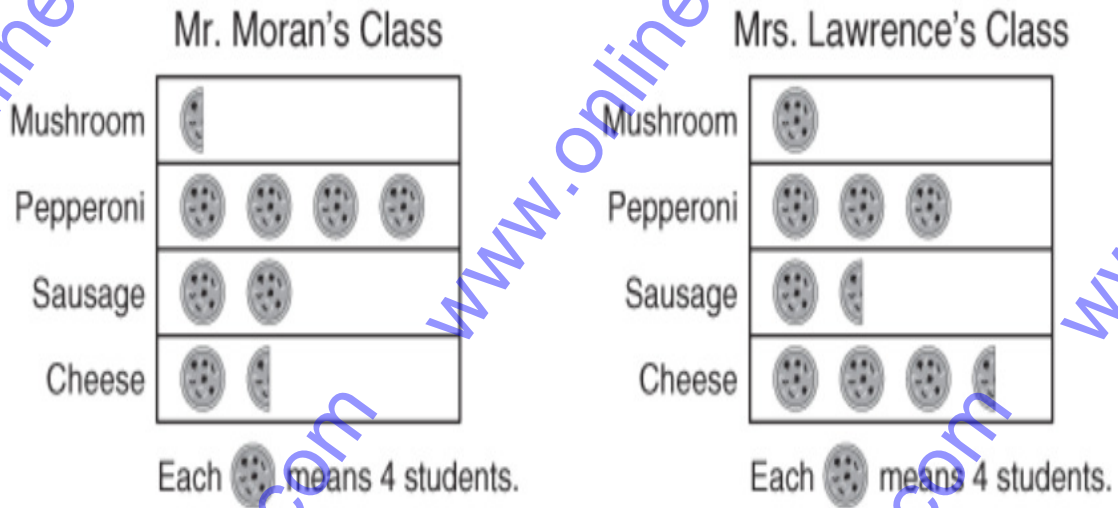
(a) $5 + 8$

(c) 5×8

(b) $8 - 5$

(d) $8/5$

32. Two classes voted on their favorite pizza topping. The results are shown below.



How many more students voted for cheese in Mrs. Lawrence's class than in Mr. Moran's class?

(a) 14

(c) 7

(b) 8

(d) 6

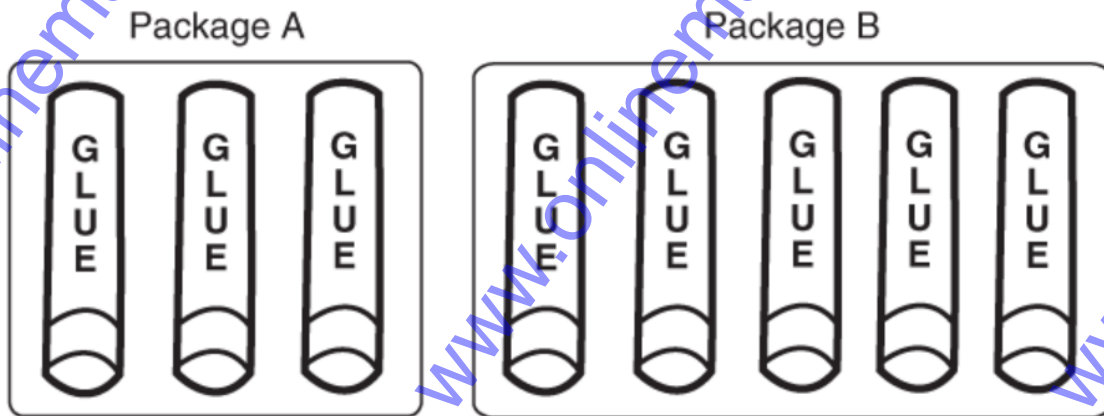
33. Which story problem below can be described by the equation $7 \times 4 = 28$?

- (a) Kim has 4 movies and 7 books. How many movies and books does Kim have in all?
- (b) Kim has 4 fewer movies than books. How many movies does Kim have?
- (c) Kim has 4 shelves with 7 books on each shelf. How many books does Kim have in all?
- (d) Kim has 28 books on 11 shelves. How many books are on each shelf?

34. Howard is at the theater watching a movie that lasts 2 hours. What information is needed to find the time that Howard should be picked up from the movie?

- (a) Which movie Howard is seeing
- (b) What time the movie started
- (c) How long it takes to drive home
- (d) How much the movie costs?

35. Glue sticks come in two different packages.



Madison needs exactly 26 glue sticks for art class. Which combination of packages totals 26 glue sticks?

- (a) 1 of Package A and 4 of Package B
- (b) 4 of Package A and 3 of Package B
- (c) 2 of Package A and 4 of Package B
- (d) 7 of Package A and 2 of Package B

36. Which number does point W best represent on the number line below?



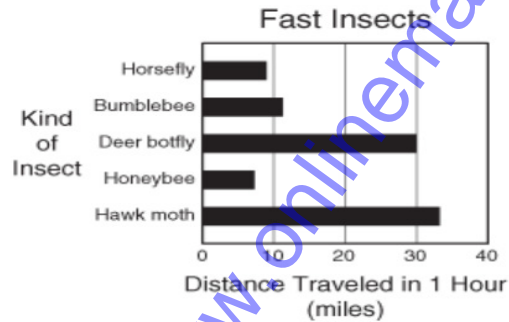
(a) 745

(c) 765

(b) 785

(d) 775

37. The graph below shows information about the distance certain insects can fly in 1 hour.



Which table best matches the data from the graph?

(a)

Kind of Insect	Distance Traveled in 1 Hour (miles)
Horsefly	9
Bumblebee	11
Deer botfly	30
Honeybee	7
Hawk moth	33

(c)

Kind of Insect	Distance Traveled in 1 Hour (miles)
Horsefly	9
Bumblebee	11
Deer botfly	40
Honeybee	7
Hawk moth	33

(b)

Kind of Insect	Distance Traveled in 1 Hour (miles)
Horsefly	33
Bumblebee	7
Deer botfly	30
Honeybee	11
Hawk moth	9

(d)

Kind of Insect	Distance Traveled in 1 Hour (miles)
Horsefly	4
Bumblebee	11
Deer botfly	30
Honeybee	5
Hawk moth	33

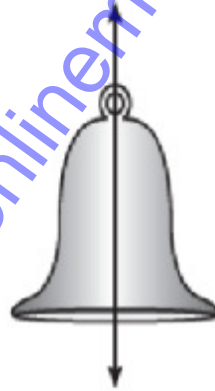
38. Which picture does NOT show a line of symmetry?



R



S



T



U

(a) R

(c) T

(b) S

(d) U

39. Lizzie and her mother baked cookies. They baked 5 pans of cookies with 6 cookies on each pan. Which number sentence is in the same fact family as $5 \times 6 = 30$?

(a) $6 + 30 = 36$

(c) $10 \times 3 = 30$

(b) $30 - 5 = 25$

(d) $30 \div 5 = 6$

40. There are 24 children in Roberto's class. There are more boys than girls. What additional information is needed in order to find how many more boys than girls there are in Roberto's class?

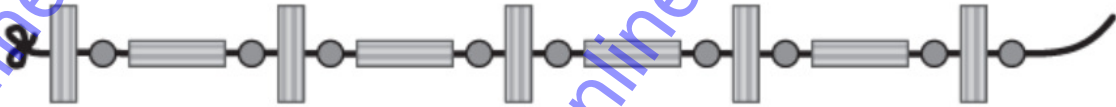
(a) The number of girls in third grade

(b) The grade the children are in

(c) The number of girls in Roberto's class

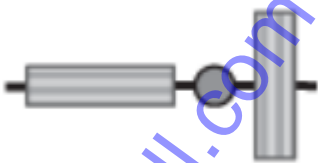
(d) The name of Roberto's teacher

41. Geraud was making a friendship bracelet. The picture below shows the beads he has put on his bracelet so far.



If the pattern continues, which shows the order of the next 3 beads Geraud should add to his bracelet?

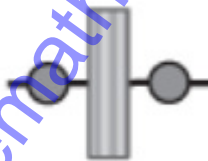
(a)



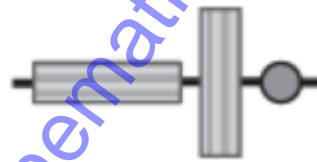
(c)



(b)



(d)



42. When Ellen arrived at school at 8:47 A.M., she was 22 minutes late. At what time did school start?

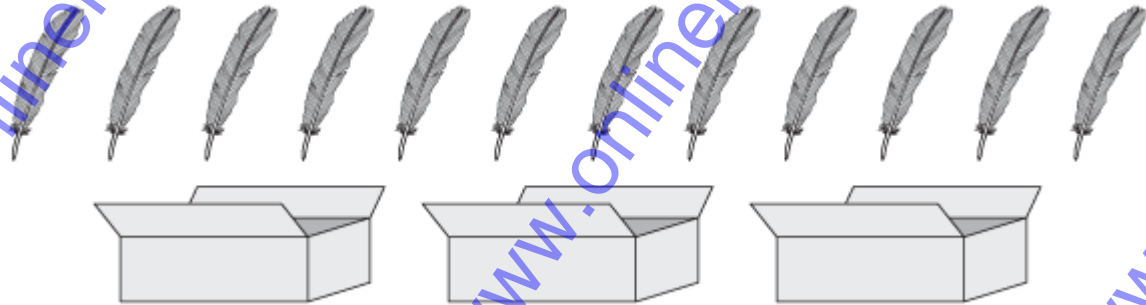
(a) 8:15 A.M.

(c) 8:25 A.M.

(b) 8:20 A.M.

(d) 8:30 A.M.

43. 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?

(a) $12 \div 3 = 4$

(c) $12 - 3 = 9$

(b) $12 + 3 = 15$

(d) $12 \times 3 = 36$

44. $87000 + 800 + 20 + 3$ is same as

(a) 870203

(c) 87823

(b) 8730

(d) None of these

45. Expanded form of 0 thousand, 498 is _____

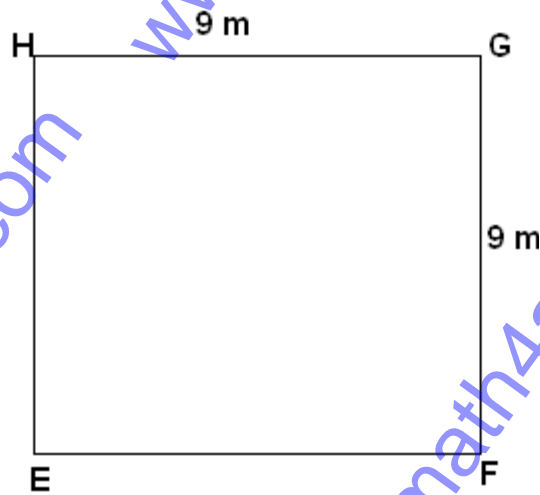
(a) 10498

(c) $400 + 90 + 8$

(b) 948

(d) None of these

46. Find the perimeter of the following figure



(a) 18m

(c) 9m

(b) 36m

(d) 81m

47. Bonnie has twice as many cousins as Robert. George has 5 cousins, which is 11 less than Bonnie has. How many cousins does Robert have?

(a) 17

(c) 4

(b) 21

(d) 8

48. Oscar sold 2 glasses of milk for every 5 sodas he sold. If he sold 10 glasses of milk, how many sodas did he sell?

(a) 45

(c) 25

(b) 20

(d) 10

49. Brad's class collected 320 cans of food. They boxed them in boxes of 40 cans each. How many boxes did they need?

(a) 280

(c) 8

(b) 10

(d) 5

50. Joey participated in a dance-a-thon. His team started dancing at 10 A.M. on Friday and stopped at 6 P.M. on Saturday. How many hours did Joey's team dance?

(a) 52

(c) 30

(b) 56

(d) 32

Answers:

- | | | | | | |
|-------|-------|-------|-------|-------|-------|
| 1. a | 2. c | 3. b | 4. d | 5. a | 6. b |
| 7. d | 8. a | 9. b | 10. b | 11. a | 12. d |
| 13. d | 14. c | 15. b | 16. a | 17. b | 18. b |
| 19. c | 20. a | 21. c | 22. a | 23. d | 24. d |
| 25. a | 26. d | 27. c | 28. d | 29. b | 30. a |
| 31. c | 32. b | 33. c | 34. b | 35. c | 36. d |
| 37. a | 38. b | 39. d | 40. c | 41. a | 42. c |
| 43. a | 44. c | 45. c | 46. b | 47. d | 48. c |
| 49. c | 50. d | | | | |