1. The place value of 5 in 45327 is

(a) 5000

(c) 500

(b) 50

(d) 5327

2. 5 is one of the factors
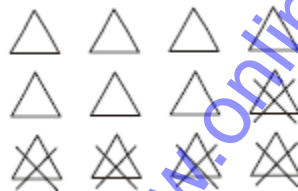
(a) 36

(c) 42

(b) 30

(d) 21

3. The fraction which represents the objects cancelled in the collection

is

(a) 5/12

(c) 1/2

(b) 12/5

(d) 2/3

4. There were 3856 trees in a forest. In another forest there were 4795 trees. How many more trees were there in the second forest?
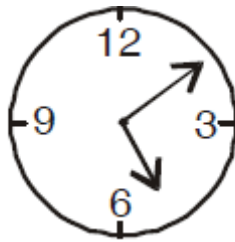
(a) 930   (c) 1689

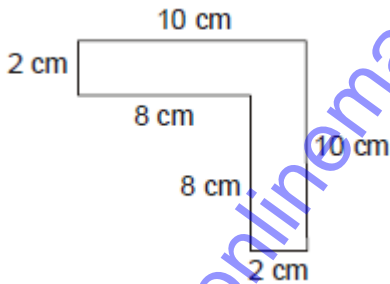(b) 939   (d) 1600

5. The time shown in the clock is

(a) 10 min. past 5   (c) 30 min. past 6

(b) 15 min. past 6   (d) 10 min. past 6.

6. Perimeter of the figure given here is

10 cm

2 cm

8 cm

10 cm

8 cm

2 cm

(a) 40 cm   (c) 45 cm

(b) 50 cm   (d) 55 cm

7. Hill 1 is 5,729 meter high. Hill 2 is 4,049 meter high. How much higher is Hill 1 than Hill 2?

(a) 1720 m   (c) 1680 m

(b) 680 m   (d) 1239 m

8. On the first day of their vacation, the Bindal family drove 628 kilometers. On the second day, they drove 602 kilometers. How many kilometers did they drive in these two days ?

(a) 1226

(c) 1230

(b) 1248

(d) 1330

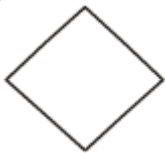9. Susan drew a figure with 4 square corners. Which could be the figure she drew?

(a)

(c)

(b)

(d)

10. What would be the next 3 numbers in this pattern?
9, 12, 15, 18, 21, 24, 27, ___, ___, ___

(a) 33, 36, 39   (c) 28, 29, 30
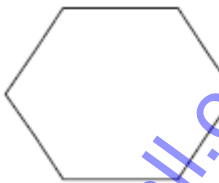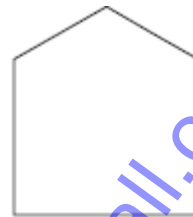
(b) 30, 33, 36   (d) 30, 32, 34

11. Which could be one of the faces of a cylinder ?
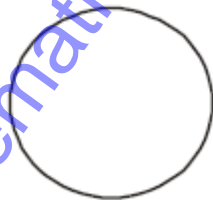
(a)

(c)

(b)

(d)
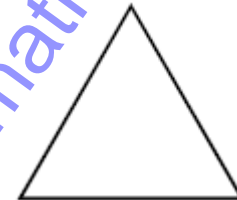
12. A triangle with all its sides unequal in length is called

(a) Scalene   (c) Equilateral

(b) Isosceles   (d) All of these

13. 2 ¼ as a decimal equals

(a) 2.25   (c) 2.15

(b) 2.50   (d) 2.30

14. There are eighty six thousand four hundred seconds in a day. How else could this number be written?

(a) 80,064   (c) 86,400

(b) 80,640   (d) 86,404

15. Leena and her mother made a quilt. They used 56 squares and made 8 rows. How many squares are in each row?

(a) 6   (c) 8

(b) 7   (d) 9

16. 25 can be written as

(a) 1 ten 15 ones
(c) 5 tens 2 ones

(b) 2 tens 5 ones
(d) 3 tens 2 ones.

17. John walked 3 km each day. How many kilometre had she walked after 14 days?

(a) 42
(c) 14

(b) 32
(d) 11

18. Ronald, Kevin, and Mark shared a bag of marbles. The bag contained 272 marbles. How many marbles were left over after the friends shared them equally?

(a) 90
(c) 6

(b) 91
(d) 2

19. What number goes on the line in the pattern?
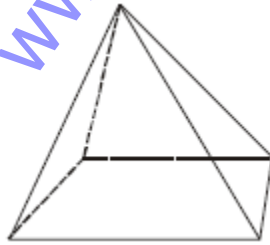
1, 2, 4, 8, 16, _____, 64

(a) 20 (c) 32

(b) 26 (d) 34

20. How many vertices does this pyramid have?

(a) 4 (c) 6

(b) 5 (d) 8

21. Start at 23. Count by 10 two times. Add 1. What number are you at?

(a) 33 (c) 55

(b) 44 (d) 45

22. Which of these is the number 5,005,014?

(A) Five million, five hundred, fourteen
(B) Five million, five thousand, fourteen
(C) Five thousand, five hundred, fourteen
(D) Five billion, five million, fourteen.

(a) A   (c) C

(b) B   (d) D

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23. Justin solved the problem below. Which expression could be used to check his answer?

$$\overset{454}{3)\overline{1364}} \; : \; \text{Remainder} = 2$$

(a) (454 × 3) + 2   (c) (454 + 3) × 2

(b) (454 × 2) + 3   (d) (454 + 2) × 3.

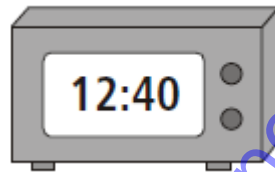24. Which set of numbers is in order from greatest to least?

(a) 147, 163, 234, 275

(b) 275, 234, 163, 147

(c) 275, 163, 234, 147

(d) 163, 275, 234, 147.

25. Aunt Ruby's clock is shown here.If her niece is going to pick her up in 30 minutes, what time will be shown on the clock?

(a) 12:10   (c) 1:10

(b) 12:70   (d) 1:60

26. What is the best unit to use for measuring the amount of soda in a drink can?

(a) Milliliter   (c) Tablespoon

(b) Gallon   (d) Cup

27. What is the rule for this number pattern?
1, 1, 2, 6, 24, 120, . . .

(A) Add 0, then add 1, then add 2, and so on
(B) Multiply by 1, then multiply by 2, then multiply by 3, and so on
(C) Multiply by 1, then add 1
(D) Multiply by two, then subtract 1.

(a) A   (c) C

(b) B   (d) D

28. Danny and Julie have new sticker books. Danny will put 4 stickers in his book every day and Julie will put 6 stickers in her book every day. How many stickers will Danny have when Julie has 30 in her book?

Day	Danny	Julie
1	4	6
2	8	12
3	12	18

(a) 20

(c) 28

(b) 24

(d) 30

29. When a number is put into the machine below, a different number comes out. If 2 goes in, 6 comes out. If 4 goes in, 12 comes out. If 5 goes in, 15 comes out. If 8 goes in, what number should come out?

Input [8]

Number
Machine

[?] Output
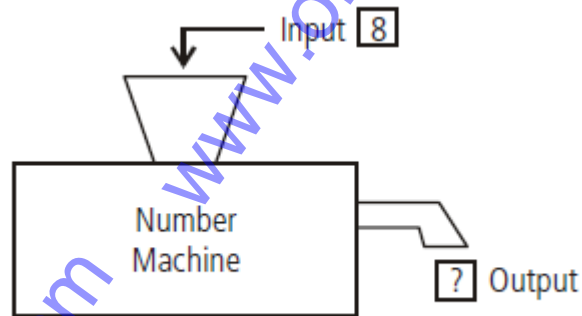
(a) 32   (c) 16

(b) 24   (d) 12

30. On Monday Sarah sold 54 cups of lemonade. On Tuesday she sold 71 cups of lemonade. How many more cups did she sell on Tuesday compared to Monday?

(a) 15   (c) 17

(b) 16   (d) 18

31. Alexa needs 74 beads to make a necklace. She has 39 beads. How many more beads does she need?

(a) 35   (c) 45

(b) 36   (d) 39

32. There are 3 rows of strawberry plants. Each row has 6 plants. How many strawberry plants in all?

(a) 9   (c) 22

(b) 18   (d) 24

33. The chart shows the number of eggs produced on a farm in the first five months of the year.

Month	Number of Eggs
January	596
February	422
March	587
April	490
May	516

Which of the following statements is true ?

(A) The number of eggs produced in March was less than in May.
(B) The number of eggs produced in April was less than in February.
(C) The number of eggs produced in January was less than in March.
(D) The number of eggs produced in May was less than in march.

(a) A   (c) C

(b) B   (d) D

34. The city bus left the terminal and picked up 5 people at the first stop. At the second stop, 2 people got off and 4 people got on. At the third stop, 3 people got off and 5 got on. How many passengers were now on the bus?

(a) 9

(c) 5

(b) 8

(d) 2

35. Rick and his family are driving 911 miles from Minneapolis to Denver. After driving 287 miles, they stopped in Omaha for lunch. Estimate how many miles they have left to drive.

(a) 200 miles

(c) 600 miles

(b) 500 miles

(d) 700 miles

36. Maggie is buying donuts at the bakery for her classmates at school. She wants to buy twice as many donuts as students in her class. Maggie has 18 students in her class. About how many donuts should Maggie buy?

(a) 40 donuts

(c) 30 donuts

(b) 20 donuts

(d) 50 donuts

37. Henry is two years older than Sarah. David is three years younger than Henry. Who is the youngest?

(a) Henry

(c) David

(b) both

(d) none of them

38. Lane read 5 books during his spring break. In order, he read books that were the following lengths: 125 pages, 278 pages, 97 pages, 114 pages, and 346 pages. What was the range of pages that he read?

(a) 122 pages

(c) 249 pages

(b) 113 pages

(d) 228 pages

39. Betty was dealing out the cards for Ned. After she dealt out 4 cards, she told Ned to turn them over. "Now," she said, "how many different four digit numbers can you arrange your cards in?" Ned had these four cards: 3, 5, 7, and 9. How many ways are there?

(a) 24

(c) 14

(b) 12

(d) 3

40. Patty woke up at 7:42 A.M. to get ready for school. She had slept for 10 and 1/3 hours. What time did she do to bed?

(a) 9:22 P.M

(c) 10:15 P.M

(b) 8P.M

(d) 9:50 P.M

41. How many times does the digit nine appear in the numbers from 1 to 100?

(a) 20   (c) 60

(b) 19   (d) 21

42. Mrs. White teaches P.E. She had her students space themselves evenly around a circle and then count off. Student number 16 is directly opposite number 47. How many students are in Mrs. White's class?

(a) 32   (c) 56

(b) 62   (d) 66

43. David is climbing Mt. Cauliflower, which is 287 feet above the ground. He is 83 feet from the top. How far above the ground is he?

(a) 204 feet   (c) 120 feet

(b) 48 feet   (d) 10 feet

44. Every Blip is a Blop. Half of all Blops are Blips. Half of all Bleeps are Blops. There are 30 Bleeps and 20 Blops. All Blips are Bleeps. How many Blops are neither Blips nor Bleeps?

(a) 3

(c) 6

(b) 5

(d) 8

45. One strip of paper is 8 cm long. Another strip is 6 cm long. The two strips are taped together to make a strip that is 10 cm long. How long is the overlap?

(a) 2 cm

(c) 1 cm

(b) 3 cm

(d) 4 cm

46. Carissa has 17 pens. All of the pens are either blue or black, and there are 7 more blue pens than black pens. How many blue pens does Carissa have?

(a) 5   (c) 12

(b) 7   (d) 11

47. Zachary has a ball of string 6 yards long. He needs 20 feet of string for a project. What should Zachary do first to find out if he has enough string to equal 20 feet?

(a) Multiply 6 by 13

(b) Multiply 20 by 3

(c) Multiply 5 by 6

(d) Multiply 2 by 3

48. For a school project, Eric's class is recording all the cities in Texas that have more than 15 inches of rainfall each year and how much rain each of these cities gets. Which would be the best way for the class to organize this information?

(a) Draw a picture of the state with these cities circled

(b) Make a graph showing the population of the 10 largest cities

(c) List all the cities in Texas in alphabetical order

(d) Make a table to list the cities and their rainfall amounts

49. George scored 7 points during a basketball game. Jack scored 3 times as many points as George. Which of these shows the total number of points that Jack scored?

(a) The sum of 7 and 3

(b) The difference between 21 and 3

(c) The product of 7 and 3

(d) The quotient of 21 and 3

50. Eli put a toy car and a toy truck on a scale. Together they weighed about 1 pound. If the toy truck weighs about 10 ounces, about how much does the toy car weigh?

(a) 6 ounces   (c) 16 ounces

(b) 10 ounces   (d) 26 ounces

Answers:

1. a	2. b	3. a	4. b	5. a	6. a

7. c	8. c	9. b	10. b	11. b	12.a

13.a	14. c	15. b	16. b	17. b	18. d

19. c	20. b	21. b	22. b	23. a	24. b

25. c	26. a	27. b	28. a	29.b	30. c

31. a	32. b	33. d	34.a	35. c	36. a

37. c	38. c	39.a	40. a	41. a	42. b

43. a	44. b	45. d	46.c	47. a	48. d

49. c	50. a