

1. On a sports day, 161 students are in the play ground. They are standing in 7 equal rows. How many students are in each row?

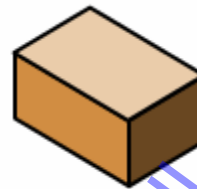
(a) 25

(c) 23

(b) 17

(d) 28

2. Which of the following shape is circle?



(a) First object

(c) last object

(b) Middle object

(d) none of these

3. If one side of the square is having the length 6cm then what is the perimeter of the square?

(a) 66

(c) 33

(b) 36

(d) 24

4. Identify the following picture



(a) Triangular prism

(c) Decagon

(b) Hexagon

(d) Rectangular prism

5. The side of a square courtyard is 10 yards long. It costs \$21.00 per yard to replace the brick wall around the courtyard. How much would it cost to replace the brick wall?

(a) \$440

(c) \$840

(b) \$600

(d) \$700

6. Bicky needs to buy a bathroom mirror that is 4 feet wide and 7 feet long. If the mirror sells for \$1.00 per square feet. What will the total cost will be?

(a) \$28

(c) \$30

(b) \$32

(d) \$22

7. The following picture shows the number of collected by children for recycling project Who collected the most number of cans?

Name	# of Cans
Alice	644
Bob	682
Carol	230
David	339

(a) Alice

(c) Carol

(b) Bob

(d) David

8. Change $\frac{25}{100}$ as decimal

(a) 0.58

(c) 0.56

(b) 0.25

(d) 0.3

9. If $6x = 36$ then what will be the value of x ?

(a) 3

(c) 6

(b) 4

(d) 5

10.



How much does a child ticket to the Houston Zoo cost?

(a) 7

(b) 6

(c) 8

(d) 4

11. Bao-Yu's backyard deck cost \$37.00 per square yard to build. The deck is 7 yards wide and 12 yards long. How much did it cost to build the deck?

(a) \$3,108

(c) \$4,108

(b) \$2,108

(d) \$5,108

12. A farmer needs to build a goat pen. The pen will be 7 yards wide and 20 yards long. The fencing material costs \$6.00 per yard. How much will it cost to buy enough fencing material to build the goat pen?

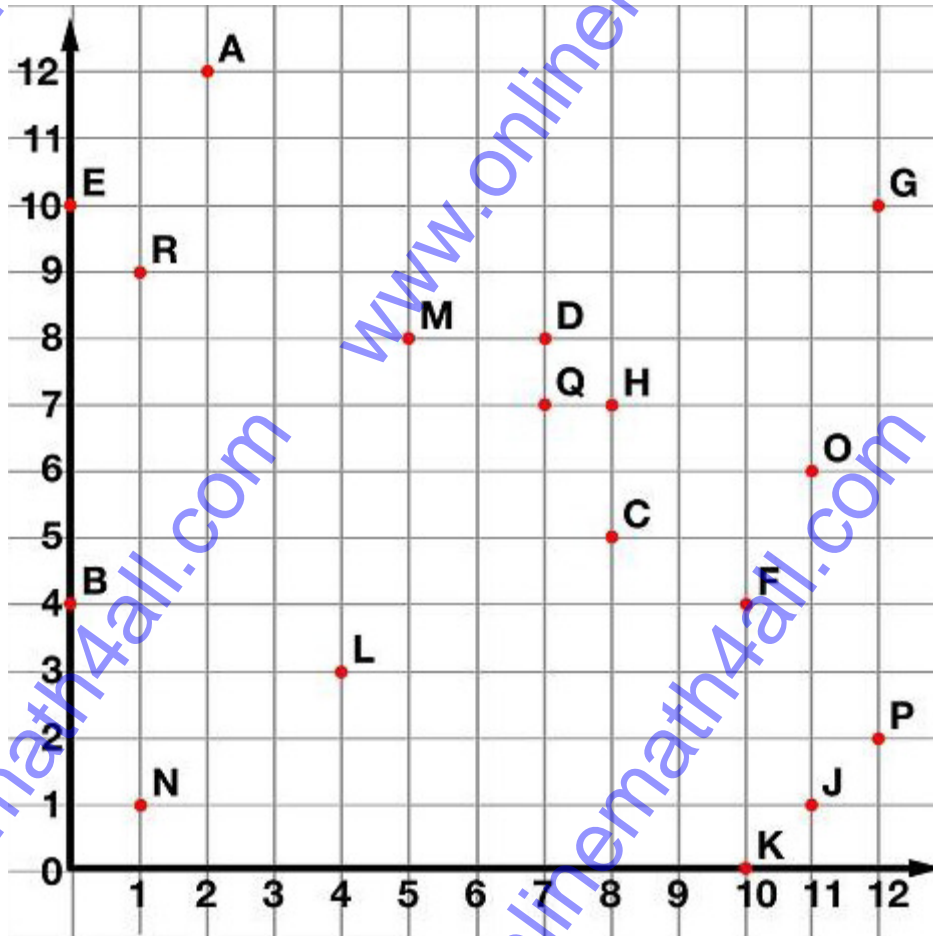
(a) \$824

(c) \$160

(b) \$120

(d) \$324

13. How to write the point P as ordered pair?



(a) (3,5)

(c) (12,2)

(b) (4,5)

(d) (5,3)

14. What is the value of $5!$?

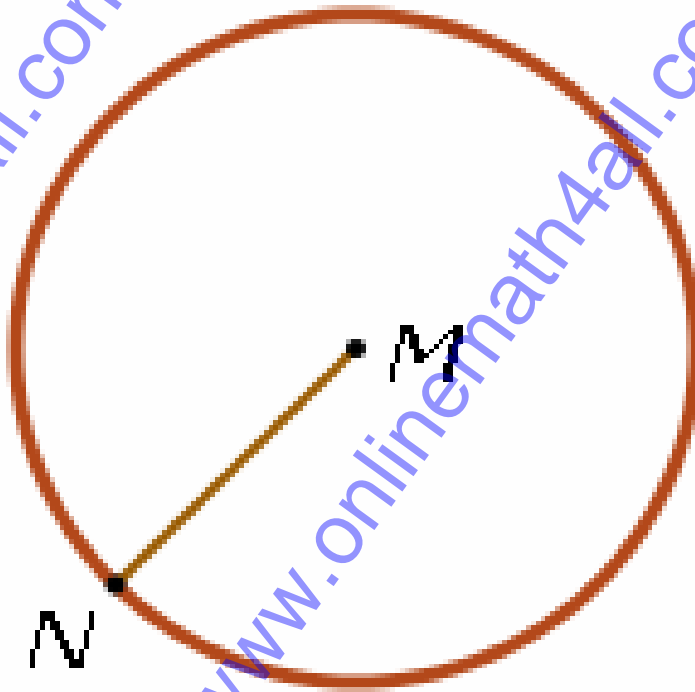
(a) 180

(c) 120

(b) 130

(d) 150

15. What is MN in the below picture?



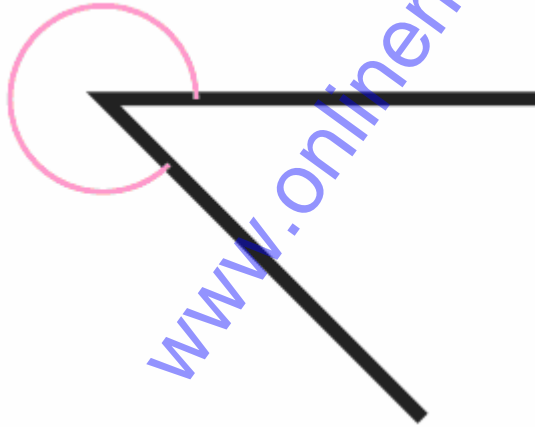
(a) Center

(c) Diameter

(b) Radius

(d) None of these

16. Identify the type of following angle



(a) Reflex angle

(c) Acute angle

(b) Obtuse angle

(d) Straight angle

17. Calculate $2.14 + 0.42 + 3.159$.

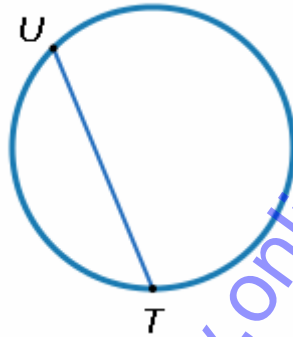
(a) 5.619

(c) 6.709

(b) 5.378

(d) 5.719

18. What is UT in below picture?



(a) Radius

(c) Chord

(b) Diameter

(d) None of these

19. There are 12 berries in a bowl on the counter. Two-thirds of them are raspberries. How many raspberries are in the bowl?

(a) 8

(c) 3

(b) 6

(d) 5

20. There are 12 candies in a bowl on the table. One-third of the candies are peppermints. How many peppermints are in the bowl of candy?

(a) 6

(c) 4

(b) 5

(d) 9

21. One-eighth of the 16 plates in the cupboard are blue. How many blue plates are in the cupboard?

(a) 3

(c) 8

(b) 14

(d) 2

22. How many students own more than 4 jackets in the below picture?

Jackets	
Number of jackets	Frequency
0	6
1	11
2	17
3	16
4	18
5	7

(a) 5

(c) 3

(b) 7

(d) 8

23. Subtract the following fraction

$$\frac{2}{4} - \frac{1}{4} =$$

(a) 1/4

(c) 0

(b) 3/4

(d) -1/4

24. Find the missing number in the sequence
1, 2, 4, _____, 16

(a) 9

(c) 15

(b) 14

(d) 8

25. What is the value of 3^2

(a) 9

(c) 6

(b) 5

(d) None

26. Calculate $(-10) + 4 + (-8)$

(a) -15

(c) -14

(b) -12

(d) -16

27. Compute the number of vowels in the alphabet plus the number of days in a week.

(a) 15

(c) 16

(b) 12

(d) 33

28. David's mother gave him \$5 and his father gave him \$8. Now how much dollars does he have altogether

(a) 16

(c) 17

(b) 18

(d) 13

29. The value of $8^2 =$

(a) 64

(c) 16

(b) 10

(d) 18

30. In whole number which comes first?

(a) 1

(c) 0

(b) -1

(d) 2

31. Find the perimeter of the Triangle which is having the side lengths 21 cm, 23 cm and 24 cm

(a) 48

(c) 58

(b) 68

(d) 78

32. Find the missing number in the below sequence
2.75, 3.00, 3.25 _____

(a) 2.25

(c) 3.15

(b) 3.50

(d) 3.60

33. Add the following $64+68$

(a) 152

c) 162

(b) 112

d) 132

34. What is the remainder when 6666 is divided by 6?

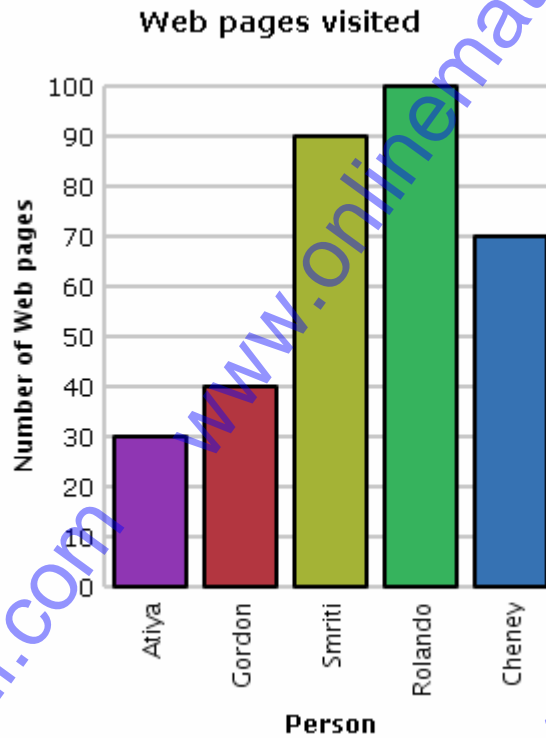
(a) 2

(c) 0

(b) 8

(d) 7

35. The below picture shows the number of web pages visited by each person



Who is referring the least number of web pages?

(a) Atiya

(c) Gordon

(b) Rolando

(d) Cheney

36. Find the range of the following numbers

28, 35, 48, 51, 60, 29

(a) 28

(c) 49

(b) 35

(d) 32

37. A triangle has a height of length 5 and a base of length 6.

What is the triangle's area?

(a) 18

(c) 10

(b) 16

(d) 15

38. Which of the following number is not prime?

(a) 21

(c) 31

(b) 13

(d) 49

39. Add the following $5.3 + 4.7$

(a) 17

(c) 14

(b) 13

(d) 10

40. The sum of angle in a triangle is

(a) 170 degree

(c) 180 degree

(b) 90 degree

(d) 360 degree

41. It rained 0.1 inches on Saturday and 0.84 inches on Sunday.
How much did it rain on Saturday and Sunday combined?

(a) 0.81

(c) 0.51

(b) 0.94

(d) 0.71

42. If Ronald is 4 years older than James. Now James is 10 years old. Then what is the age of Ronald?

(a) 10

(c) 14

(b) 16

(d) 18

43. In the following fraction which number should be multiplied by 4 for making the denominator of both the fraction same?

$$\frac{1}{4} + \frac{1}{12}$$

(a) 4

(c) 12

(b) 3

(d) 6

44. Which of the following is the symbol Perpendicular?

(a) >

(c) <

(b) =

(d) \perp

45. If the value of x is 6 then what is the value of $12x$

(a) 72

(c) 38

(b) 48

(d) 65

46. Find the missing value in the following equivalent fraction

$$\frac{1}{4} = \frac{2}{?}$$

(a) 4

(c) 8

(b) 6

(d) 2

47. If the Triangle is having the side length 5cm, 6cm and 7cm. Then what type of triangle is this?

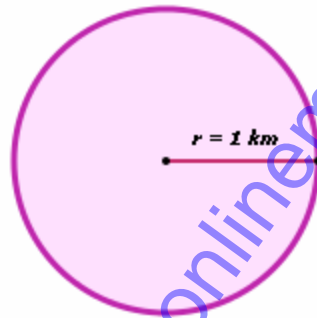
(a) Equilateral

(c) Scalene

(b) Right triangle

(d) Isosceles

48 Find the circumference of the following figure (use 3 for π)



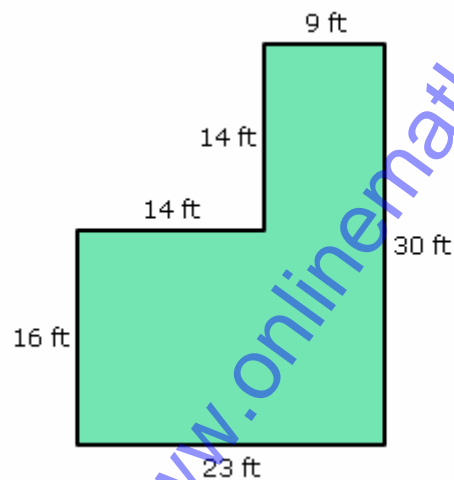
(a) 3 Kilometer

(c) 7 Kilometer

(b) 6 Kilometer

(d) 1 Kilometer

49. What is the Area of the following figure?



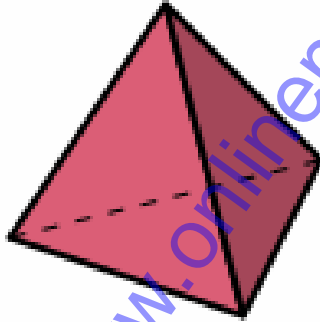
(a) 138

(c) 494

(b) 612

(d) 156

50. How many faces does the following figure have?



(a) 1

(c) 2

(b) 4

(d) 6

Answers

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