

1. How do you write this number using digits?

Four hundred eight

(a) 207

(c) 308

(b) 108

(d) 408

2. The below list shows the number of people who is helping to their mother.

<i>Help most in house work</i>	<i>Number of children</i>
Going to the market	47
Washing utensils	15
Washing clothes	3
Making, serving food	25
Cleaning the house	10
Total children who said they help their parents	

Find the total number of people who is helping their parents.

(a) 108

(c) 115

(b) 107

(d) 100

3. Some friend played a trivial game and recorded their scores

Trivia game scores	
Name	Score
Farouq	31,588
Asa	33,518
Majella	31,598
Riordan	33,598

Who had the highest score?

(a) Farouq

(c) Asa

(b) Majella

(d) Riordan

4. Express $\frac{85}{100}$ in simplified form

(a) $\frac{15}{20}$

(c) $\frac{16}{20}$

(b) $\frac{17}{20}$

(d) $\frac{15}{27}$

5. Simplified form of the following expression " $3(a-b) - 5b$ "

(a) $3a - 8b$

(c) $3a - 2b$

(b) $3a + 2b$

(d) $3a - 5b$

6. Dayton's bedroom door is 8 feet tall and 3 feet wide. A new door would cost \$5.00 per square foot. How much would a new bedroom door cost in total?

(a) \$127

(c) \$126

(b) \$120

(d) \$110

7. Subtract the following $(\frac{5}{12}) - (\frac{1}{12})$

(a) 8

(c) 3

(b) 5

(d) 7

8. What is the value of $2^2 \times 2^3$

(a) 64

(c) 8

(b) 32

(d) 20

9. Katie's drive to work is $\frac{4}{6}$ of an hour, whereas Evan's is $\frac{3}{6}$ of an hour. How much longer is Katie's drive than Evan's?

(a) $\frac{7}{6}$

(c) 2

(b) $\frac{1}{6}$

(d) None of these

10. Subtract the following $(\frac{7}{10}) - (\frac{3}{5})$

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

(c) $\frac{2}{5}$

(b) $\frac{3}{5}$

(d) $\frac{1}{10}$

11. Find the value of 7^2






(a) 14

(c) 49

(b) 12

(d) 9

12.

Tractors	
Farmer	Number of tractors
Farmer Rob	
Farmer Jane	
Farmer Tom	
Farmer Megan	
Farmer Andy	

Which of the former have more tractors?

(a) Farmer Megan

(c) Farmer Tom

(b) Farmer Rob

(d) Farmer Andy

13. Which of the following is binomial?

(a) $2x+8y$

(c) $2xs+8y+3+n$

(b) $2x-3a+b$

(d) $5a-3b+8-s$

14. Find the missing term in the given sequence

_____, 6.02, 6.04, 6.06.....

(a) 5.80

(c) 6.00

(b) 6.38

(d) 6.28

15. Find the average of 4, 10, 18, 8

(a) 5

(c) 10

(b) 6

(d) 8

16. When $a=3$ find the value of $5a-8$

(a) 3

(c) 2

(b) 6

(d) 7

17. How to write the number "nine hundred and one" using the digit?

(a) 9,100

(c) 900

(b) 901

(d) 908

18. Which symbol makes the sentence true?

$$(2 \times 4) \text{ ? } 6$$

(a) $<$

(c) $>$

(b) $=$

(d) None of these

19. A farmer has 100 goats. They live in 10 pens, and each pen has the same number of goats. How many goats live in each pen?

(a) 15

(c) 13

(b) 10

(d) 16

20. James bought 45 glass beads. He split the beads evenly among 5 of his friends. How many beads did Vashon give to each friend?

(a) 1

(c) 2

(b) 3

(d) 9

21. The point $(-1, -3)$ lies in which quadrant?

(a) 1st

(c) 2nd

(b) 3rd

(d) 4th

22. Miss Dickerson has 9 students in her class. If Miss Dickerson has 675 gold stickers to give to her class, how many stickers will each student receive?

(a) 55

(c) 75

(b) 65

(d) 85

23. 63 of the 394 rubber balls at the ball factory get loaded on a delivery truck. How many are left?

(a) 320

(c) 421

(b) 302

(d) 331

24. John hiked 9.6 miles in 3 hours. How many miles an hour did he hike?

(a) 3.45 miles

(c) 3.2 miles

(b) 4.7 miles

(d) 5.2 miles

25. The volume of the cube is 729cm^3 . What is the side of the cube?

(a) 11

(c) 13 cm

(b) 12 cm

(d) 9 cm

26. Jordynn, Oona, and Holly worked at a bake sale. On the first day, they sold 233 oatmeal cookies. On the second day, they sold another 366 oatmeal cookies. How many oatmeal cookies did they sell in all?

(a) 599

(c) 499

(b) 399

(d) 699

27. There are 7 students in the school's writing club. Last year, each student in the club wrote 16 stories. How many stories were written in all?

(a) 122

(c) 112

(b) 108

(d) 180

28. If $A = \{a, b, c, d, e\}$ then what will be the value of $n(A)$

(a) 5

(c) 20

(b) 8

(d) 4

29. A mint factory puts 9 mints in each box. How many mints will the factory need to fill 3,469 boxes?

(a) 780

(c) 1312

(b) 31221

(d) 13221

30. The product of two numbers is 288. Their L.C.M is 144. What is their G.C.D?

(a) 3

(c) 2

(b) 5

(d) 6

31. The length of table top is 100cm and its breadth is 75 cm. Find the area of the table top?

(a) 7200 cm²

(c) 4460 cm²

(b) 7500 cm²

(d) 2250 cm²

32. The area of the square garden is 4900 cm². Find its side

(a) 80 meter

(c) 70 meter

(b) 15 meter

(d) 19 meter

33. 421 of the 588 points on the board for the game show are removed by the host. How many are left?

(a) 167

(c) 177

(b) 147

(d) 137

34. Find the missing term in the following sequence

1, 4, 8, _____, 64

(a) 10

(c) 16

(b) 2

(d) 48

35. Find the total surface area of the cuboid which is 2.5m long, 1 m broad and 0.5m height

(a) 3.25 m^3

(c) 4.28 m^3

(b) 8.50 m^3

(d) 5.85 m^3

36. Which of the statement is true?

(a) $815.00 < 815.00$

(c) $485 > 448$

(b) $460 < 489$

(d) $500 < 521$

37. Find the given number patterns is in the form of 5, 25, 125, 625.....

- (a) Arithmetic progression (c) Geometric progression
(b) Harmonic progression (d) none of these

38. The price list is given below

cookie jar	\$13.05
coffee pot	\$12.05
soup pot	\$36.68
baking dish	\$11.20
cookbook	\$11.80
casserole dish	\$18.54

Using the above table find the cost of 2 soup pot

- (a) \$73.36 (c) \$36.68
(b) \$87.58 (d) \$52.26

39. Angle in a semi circle is

- (a) Acute angle
- (b) Straight angle
- (c) Right angle
- (d) obtuse angle

40. A gold smith mixes gold and copper in the ratio of 5:8. Another gold smith mixed these in the ratio 7:2. Which quality is better?

- (a) First
- (b) Both of them
- (c) Second
- (d) none of these

41. Elise bought a hat for \$6.19. She paid \$10.00. How much change did Elise receive?

- (a) 2.83
- (b) 3.81
- (c) 2.3
- (d) 1.18

42. 2 table cost \$1600. How much will 24 such table cost?

(a) \$26000

(c) \$19800

(b) \$19200

(d) \$19000

43. Find the missing number in the ratio table?

5	3
10	6
15	9
20	<input type="text"/>
25	15

(a) 4

(c) 16

(b) 12

(d) 17

44. There are 20 men and 16 women running a race. What is the ratio of the number of male runners to the number of female runners?

(a) 40:20

(c) 20:16

(b) 10:16

(d) 17:16

45. Calculate $2 \times 0 \times 0 \times 6 =$

(a) 0

(c) 2

(b) 1

(d) 3

46. Express $54/10$

(a) 2.8

(c) 2.2

(b) 3.2

(d) 5.4

47. The sum of the angles in a quadrilateral is

(a) 180

(c) 360

(b) 540

(d) 720

48. The area of a garden is 70 square meter. 8 % of its taken ip by a pond. What is the area of the pond?

(a) 3.2 m^2

(c) 3.1 m^2

(b) 5.6 m^2

(d) 1.4 m^2

49. John earns \$6000 monthly. He is saving $\frac{1}{3}$ rd of his salary for savings. How much dollars s he saving?

(a) \$1000

(c) \$3000

(b) \$2000

(d) \$4000

50. 800 students appeared for an examination. 25% of them were selected. How many students were not selected?

(a) 899

(c) 192

(b) 480

(d) 600

Answers

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