Directions: Choose the best answer for each of the following problems.

1. $18 + 46 =$

   A. 54   **B.** 52   **C.** 64   **D.** 62

2. $52 - 25 =$

   A. 37   **B.** 33   **C.** 27   **D.** 23

3. $12 + 17 + 18 =$

   A. 49   **B.** 47   **C.** 39   **D.** 37

4. $800 - 271 =$

   A. 639   **B.** 539   **C.** 529   **D.** 629

5. How many more consonants does the word SHAKESPEARE have than vowels?

   A. 0   **B.** 1   **C.** 2   **D.** 3

6. How many inches are in 2 feet?

   A. 12   **B.** 6   **C.** 18   **D.** 24

7. What single digit goes in the boxes? $\square\square 3 + 1\square 2 = 585$

   A. 4   **B.** 6   **C.** 3   **D.** 5

8. Emily bought a new toy for $12.35. She paid with a ten-dollar bill and a five-dollar bill. How much did she receive in change?

   A. $2.65   **B.** $3.55   **C.** $2.55   **D.** $3.65

9. What is the sum of even numbers on the card shown?

42
18
17
70
104
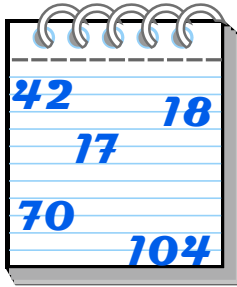
    A. 234

    B. 164

    C. 251

    D. 130

10. What is 76 written in Roman numerals?

    A. CXXIV   **B.** CXXVI   **C.** LXXIV   **D.** LXXVI

11. $9 \times 5 =$

    A. 54   **B.** 36   **C.** 35   **D.** 45

12. Farmer Smith has chickens that lay 6 eggs a day. How many eggs does he get per week?

    A. 42   **B.** 48   **C.** 30   **D.** 36

13. Renee has a garden with eight rows. Each row contains 12 tomato plants. How many total plants does she have?

    A. 104   **B.** 92   **C.** 96   **D.** 108
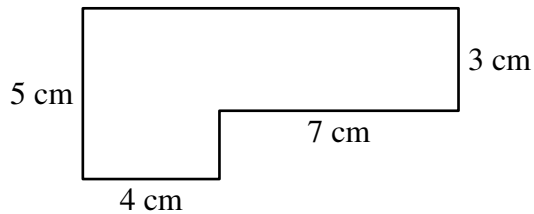
14. Which of the following is a unit of volume?

    A. ton   **B.** inch   **C.** milliliter   **D.** millimeter

15. Each angle of a square measures _____ degrees.

    A. 90   **B.** 45   **C.** 60   **D.** 120

16. What is the area of the shape shown?

5 cm   7 cm   3 cm   4 cm

A. 41 cm^2

B. 43 cm^2

C. 45 cm^2

D. 47 cm^2

17. 97 + 41 + 84 + 23 + 33 + 79 =

A. 381   B. 363   C. 375   D. 357

18. What is the 13th term in the sequence?   7, 11, 15, 19, …

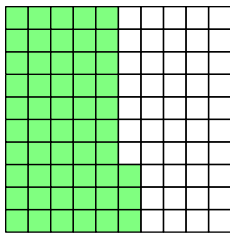A. 51   B. 53   C. 55   D. 59

19. How many multiples of 9 are there between 1 and 100?

A. 12   B. 13   C. 10   D. 11

20. A recipe for biscuits calls for 2 cups of flour and makes one dozen biscuits. How much flour should be used to increase the recipe to make two dozen biscuits?

A. 3 cups   B. 4 cups   C. 5 cups   D. 6 cups

21. What decimal is represented by the shaded region of the figure?

A. 0.34

B. 0.35

C. 0.43

D. 0.53

22. Reduce $\dfrac{15}{25}$ to lowest terms.

A. $\dfrac{3}{5}$ B. $\dfrac{3}{4}$ C. $\dfrac{2}{5}$ D. $\dfrac{1}{2}$

23. $497 \times 6 =$

   A. 2792   **B.** 2982   **C.** 2882   **D.** 2862

24. The area of a rectangle is 244 cm². The width is 4 cm. How long is the length?

   A. 41 cm   **B.** 61 cm   **C.** 118 cm   **D.** 240 cm

25. What number goes in the box? $45 \div \boxed{} = 72 \div 8$
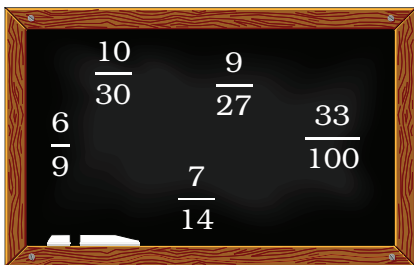
   A. 5   **B.** 3   **C.** 6   **D.** 4

26. Jelena has 187 coins. She also has 6 boxes. When she places the coins evenly in the boxes, how many coins will she have left?

   A. 0   **B.** 1   **C.** 2   **D.** 3

27. $16 + 16 + 16 + 16 + 16 + 16 + 16 =$

   A. 102   **B.** 112   **C.** 122   **D.** 132

28. How many fractions on the chalkboard are equivalent to $\frac{1}{3}$?

$\frac{10}{30}$ $\frac{9}{27}$ $\frac{33}{100}$ $\frac{6}{9}$ $\frac{7}{14}$

   A. 1
   B. 2
   C. 3
   D. 4

29. $28.45 - 17.67 =$

   A. 10.78   **B.** 11.78   **C.** 10.58   **D.** 11.58

30. What is two-fifths of 30?

   A. 10   **B.** 12   **C.** 14   **D.** 15

31. $17 \times 28 =$

   A. 466   **B.** 478   **C.** 468   **D.** 476

32. An airplane travels at 325 miles per hour. How far does it travel in 4 hours?

   A. 1500 miles   **B.** 1400 miles   **C.** 1200 miles   **D.** 1300 miles

33. Bob has 90 toy cars. He gives Hayley $\frac{1}{5}$ of his cars. Of the remaining cars, he gives $\frac{1}{2}$ of them to Max. Of the remaining cars, he gives $\frac{1}{4}$ of them to Hunter. How many more cars did Hayley receive than Hunter?

   A. 6   **B.** 9   **C.** 18   **D.** 27

34. Krista practiced her viola and recorded the following time sheet for her music teacher. How long did she practice this week?

	START	END
MON	6:16	6:47
TUE	6:12	6:39
WED	6:31	7:05
THU	6:29	7:15
FRI	6:24	6:48

   A. 2 hours 16 minutes
   B. 2 hours 22 minutes
   C. 2 hours 31 minutes
   D. 2 hours 42 minutes

35. How many ways can the numbers 1, 3, 5, and 6 be arranged to form 4-digit numbers?

   A. 6   **B.** 30   **C.** 24   **D.** 12

36. A freight company charges $20 to ship a box plus $3 per pound for each pound the box weighs over 50 lbs. How much will it cost to ship two boxes, weighing 72 lbs and 84 lbs?

   A. $208   **B.** $358   **C.** $248   **D.** $288

37. Estimate: 5734×29

A. 151,000 **B.** 162,000 **C.** 171,000 **D.** 182,000

38. Compute the value of $(17 \times 3) + (17 \times 8) + (17 \times 9)$.

A. 323 **B.** 340 **C.** 357 **D.** 371

39. The grid below gives the name of the person and the amount of money that person charges to perform each job. All three jobs must be assigned with each person getting a different job. What is the smallest possible cost to have all job performed?

	Wash Car	Mow Lawn	Clean House
Andrew	$8	$13	$11
Bailee	$6	$10	$15
Cathy	$7	$16	$9

A. $32 **B.** $30 **C.** $24 **D.** $27

40. The chart below shows how many calories are burned by running. How many total calories are burned in the month of March if the person runs 1.5 miles a day?

Distance (in mi)	Calories Burned
1	76
2	152
3	228
4	304

A. 3534

B. 3498

C. 3420

D. 3376