

1.  $.4 + .02 + .006 =$

- A. .12
- B. .426
- C. .012
- D. .25

2. Which of the following has the largest reciprocal?

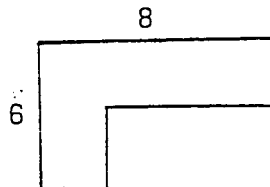
- A.  $\frac{1}{3}$
- B.  $\frac{2}{5}$
- C. 1
- D. 1989

3.  $90 + 91 + 92 + 93 + 94 + 95 + 96 + 97 + 98 + 99 =$

- A. 1045
- B. 945
- C. 845
- D. 1005

4. The perimeter of the polygon shown is

- A. 14
- B. 24
- C. 28
- D. 48



5. A ream of paper containing 500 sheets is 5 cm thick. Approximately how many sheets of this type paper would there be in a stack 7.5 cm high?

- A. 250
- B. 550
- C. 667
- D. 750

6. Find the Greatest Common Factor (GCF) of 42 and 78.

- A. 546
- B. 13
- C. 6
- D. NONE OF THESE

13. Find 75% of 480 .

- A. 6.4
- B. 360
- C. 640
- D. 360,000

14. Write a ratio for the number of circles to the number of triangles.

- A.  $\frac{2}{3}$
- B.  $\frac{3}{5}$
- C.  $\frac{2}{3}$
- D.  $\frac{3}{2}$



15. Solve for x.  $\frac{4}{6} = \frac{x}{18}$

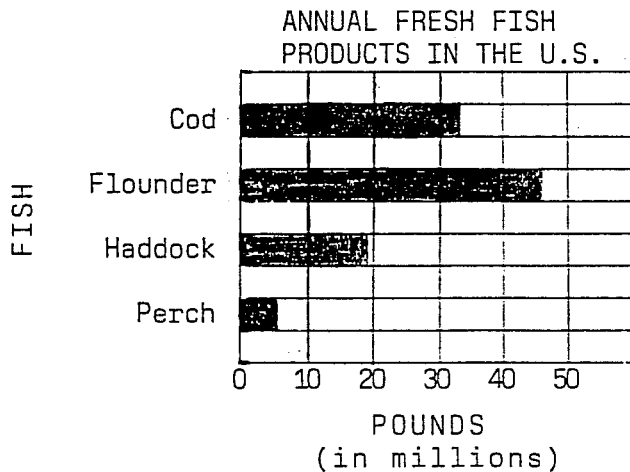
- A. 6
- B. 8
- C. 12
- D. NONE OF THESE

16. The capacity of a carton of milk is

- A. 20 ml
- B. 2 L
- C. 2 kl
- D. 20 gal

17. For which type of fish was production the greatest?

- A. cod
- B. flounder
- C. haddock
- D. perch



24. In a school auditorium there are 40 seats in the first row. Each of the other rows has 2 more seats than the row in front of it. How many seats are in the seventh row?

- A. 42
- B. 47
- C. 52 ✓
- D. 54

25.  $12 - 6 \div 3 + 1 =$

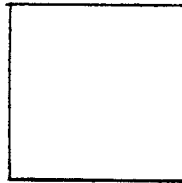
- A. 11
- B. 3
- C.  $1\frac{1}{2}$
- D. NONE OF THESE

26. If  $a = 8$  and  $b = 4$ , then  $20 - b \times a \div 2 =$

- A. 4 ✓
- B. 24
- C. 32
- D. 64

27. How many lines of symmetry does the shape have?

- A. 3
- B. 2
- C. 1
- D. NONE OF THESE



28.  $12 + -20 =$

- A. 8
- B. -8 ✓
- C. 32
- D. -32

29. 
$$\begin{array}{r} 4 \text{ gal} \quad 1 \text{ qt} \\ - 2 \text{ gal} \quad 3 \text{ qt} \\ \hline \end{array}$$

- A. 1 gal 2 qt ✓
- B. 1 gal 8 qt
- C. 2 gal 2 qt
- D. 2 gal 8 qt

37. A jar contains 3 white, 2 red, and 5 blue marbles. If a marble is drawn at random from the jar, what is the probability that it is red?

A.  $\frac{3}{10}$

B.  $\frac{1}{2}$

C.  $\frac{1}{5}$

D.  $\frac{7}{10}$

38.  $2\frac{4}{5} \div 9\frac{1}{3} =$

A.  $\frac{3}{10}$

B.  $\frac{392}{15}$

C.  $\frac{15}{392}$

D.  $\frac{10}{3}$

39.  $.83 \overline{) 1.7347}$

A. 2.91

B. 2.09

C. .0209

D. .0235

40. The temperature outside is  $86^{\circ}\text{F}$ . Use the formula  $C = \frac{5}{9}(F - 32)$  to change the Fahrenheit (F) temperature to Celsius (C) temperature.

A. 30

B.  $65\frac{5}{9}$

C. 86

D.  $97\frac{1}{5}$