

1. 
$$\begin{array}{r} 45 \\ \times 64 \\ \hline \end{array}$$

- [A] 2,680      [B] 2,880      [C] 1,630      [D] 2,780

2. Betty will make loan payments of \$320 each month for 12 months. What is the total amount of money that Betty will pay?

- [A] \$38,400      [B] \$384      [C] \$3,840      [D] \$3,740

3. With 15 identical boxes, Dawn made a row that was 1,350 centimeters long. How long was each box?

- [A] 1,365 cm      [B] 105 cm      [C] 76 cm      [D] 90 cm

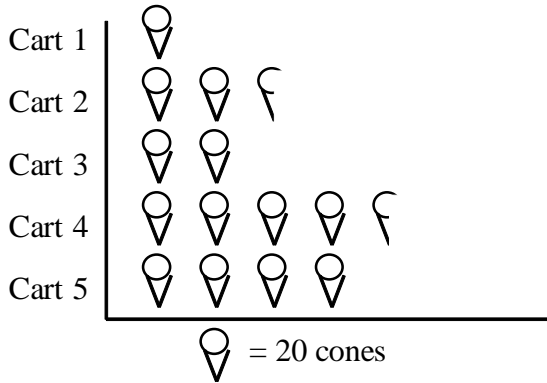
4. There are 57 school buses that serve Evergreen School District. The buses travel a total of 9,177 miles in one week of school. How many miles does each bus drive on average?

- [A] 161 mi      [B] 108 mi      [C] 9,234 mi      [D] 9,120 mi

5. Estimate by rounding to the *greatest* place:  $8 \times 5,948$

- [A] 560,000      [B] 56,000      [C] 48,000      [D] 4,800

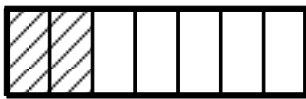
A survey showed the number of ice cream cones sold by different ice cream carts.



6. What is the difference in the number of cones sold between Cart 2 and Cart 5?

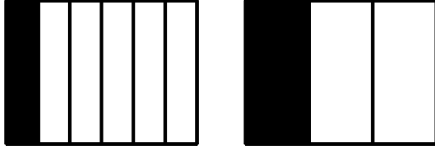
- [A] 25 cones      [B] 30 cones      [C] 2 cones      [D]  $1\frac{1}{2}$  cones

7. What fraction of the rectangle is *shaded*?



- [A]  $\frac{1}{7}$       [B]  $\frac{2}{7}$       [C]  $\frac{2}{5}$       [D]  $\frac{5}{7}$

8. Name and compare the following fraction pictures using  $>$ ,  $<$ , or  $=$ .



[A]  $\frac{1}{3} < \frac{1}{6}$

[B]  $\frac{1}{6} > \frac{3}{2}$

[C]  $\frac{1}{6} = \frac{1}{3}$

[D]  $\frac{1}{6} < \frac{1}{3}$

9. Which fraction is *not* equivalent to  $\frac{2}{14}$ ?

[A]  $\frac{6}{42}$

[B]  $\frac{4}{28}$

[C]  $\frac{20}{140}$

[D]  $\frac{4}{42}$

10. Reduce  $\frac{70}{80}$  to lowest terms.

[A] 70

[B] 10

[C]  $\frac{7}{8}$

[D]  $\frac{8}{7}$

11. The difference in height between a building and a bicycle might be about \_\_\_\_\_.

[A] 10 kilometers    [B] 10 millimeters    [C] 10 centimeters    [D] 10 meters

12. A grown hippopotamus would weigh about \_\_\_\_\_.

- [A] 2 tons            [B] 20 tons            [C] 4,000 ounces    [D] 400 pounds

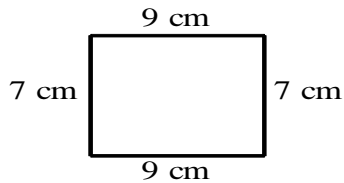
13. The most likely measure for the total distance of a round-trip plane flight would be about \_\_\_\_\_.

- [A] 1,279 miles    [B] 5,913 feet        [C] 1,279 yards    [D] 7 miles

14. 11 yards = \_\_\_\_\_ feet

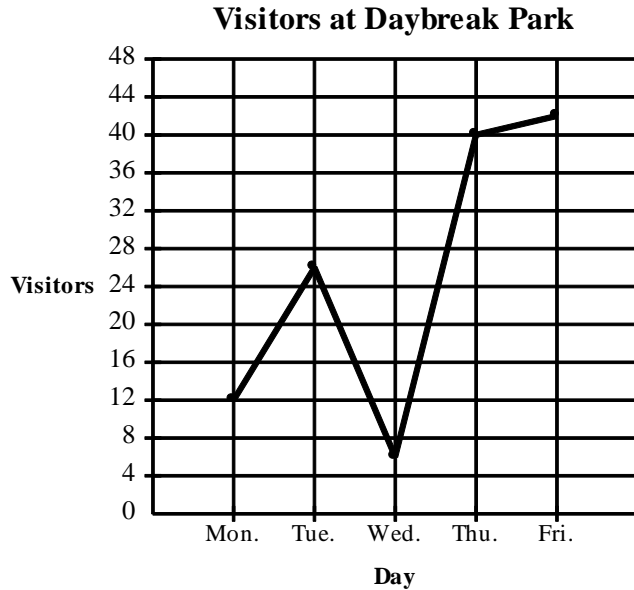
- [A] 33                [B] 22                [C] 396               [D] 132

15. Find the perimeter of the rectangle.



- [A] 16 centimeters    [B] 8 centimeters    [C] 63 centimeters    [D] 32 centimeters

Use this chart for question 16



16. Which day had the most visitors?

- [A] Monday      [B] Thursday      [C] Tuesday      [D] Friday

This chart shows the cans of vegetables in Petra’s cupboard.

|                    |   |
|--------------------|---|
| cans of beets      | 4 |
| cans of carrots    | 3 |
| cans of lima beans | 4 |

17. If she chooses a can without looking, what is the probability that it is a can of beets?

- [A]  $\frac{1}{4}$       [B]  $\frac{4}{11}$       [C]  $\frac{7}{11}$       [D] none of these

18. Suppose you mix-up the cards below and choose one without looking. Find the probability of selecting “U”.

**P**   **Z**   **U**   **C**   **B**   **R**

- [A]  $\frac{1}{6}$       [B]  $\frac{6}{1}$       [C]  $\frac{1}{5}$       [D]  $\frac{5}{1}$

19. Isaiah paid \$3.65 for ground beef, \$1.84 for spaghetti noodles, and \$0.81 for tomato sauce. What was the total cost of these items?

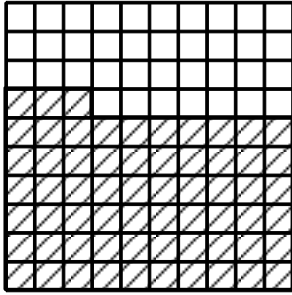
- [A] \$6.40      [B] \$6.30      [C] \$5.30      [D] none of these

20. Yvette had \$55.22 and spent \$40.77 on a sweater. How much money does Yvette have left?

- [A] \$14.35      [B] \$95.89      [C] \$14.45      [D] \$95.99

21.  $\$73.73 \times 6 =$

- [A] \$508.98      [B] \$442.38      [C] \$502.38      [D] \$448.98



22. Write a decimal for the *shaded* part of the box above.

- [A] 0.73                      [B] 0.37                      [C] 0.27                      [D] 0.63

23. 
$$\begin{array}{r} 2.38 \\ + 9.2 \\ \hline \end{array}$$

- [A] 11.68                      [B] 11.58                      [C] 12.68                      [D] 12.58

24. Debbie has four strings. One is 12.2 centimeters long, one is 29.61 centimeters long, one is 67.27 centimeters long, and one is 40.62 centimeters long. How many centimeters of string does she have in all?

- [A] 155.16 cm                      [B] 109.08 cm                      [C] 110.08 cm                      [D] 149.7 cm

25. Estimate by rounding to the nearest whole number:  $8.2 + 9.8$

- [A] 17                      [B] 18                      [C] 16                      [D] 19

26.  $7 + n = 15$   
 $n = \underline{\hspace{2cm}}$

[A] 7

[B] 8

[C] 16

[D] 9

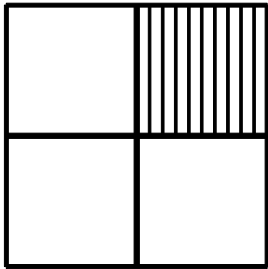
27.  $c - 6 = 11$   
 $c = \underline{\hspace{2cm}}$

[A] 5

[B] 4

[C] 17

[D] 16



28. If a thrown dart randomly hits the board above, what is the probability that it will hit the *shaded* region?

[A]  $\frac{1}{4}$

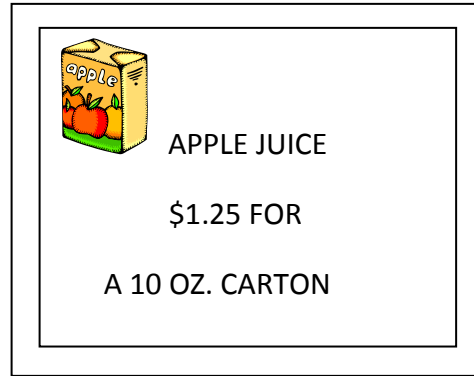
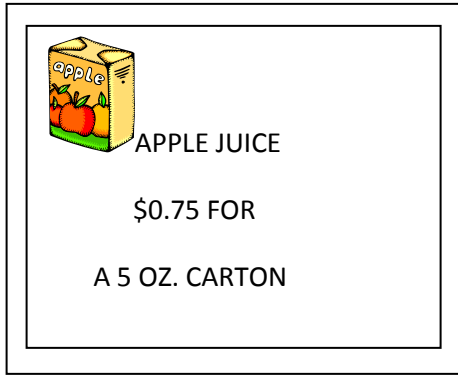
[B]  $\frac{3}{100}$

[C]  $\frac{3}{4}$

[D]  $\frac{1}{3}$



29. Mark’s father needs apple juice to make a holiday punch for dinner. He asked Mark to go to the store to buy 30 ounces of apple juice. The store has the following signs.



Show three ways to buy exactly 30 ounces of apple juice. Show the total cost of each way.

Way 1

- Show your work.
- Include **total cost**.

Way 2

- Show your work.
- Include **total cost**.

(continued)

Way 3

- Show your work.
- Include **total cost**.

Explain which is the “best buy”?