

1. Which of the following quadrilaterals are parallelograms?



W.



X.



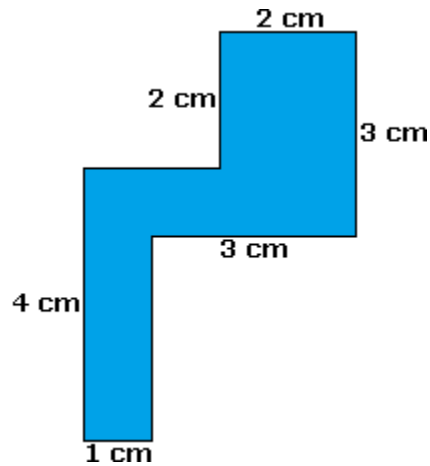
Y.



Z.

- A. X, Y, and Z
 - B. W, X, and Z
 - C. W, X, and Y
 - D. W, Y, and Z
-

2.



What is the area of the figure above?

- A. 10 cm²
 - B. 11 cm²
 - C. 13 cm²
 - D. 20 cm²
-

3. Which unit of measurement would best be used to weigh a car?

- A. gram
 - B. kilometer
 - C. kilogram
 - D. meter
-

4. Angie did three chores on Monday. On Tuesday she did 6 chores. On Wednesday she did 9 chores. Increasing chores at this rate, how many chores will she do on Friday?

- A. 16
 - B. 15
 - C. 12
 - D. 7
-

5.



Sheila began riding her bike at the time shown on the clock above. She stopped riding her bike at 6:44. How many minutes did Sheila ride her bike?

- A. 54 minutes
 - B. 34 minutes
 - C. 39 minutes
 - D. 44 minutes
-

6.



To the nearest half inch, how long is the black line shown above?

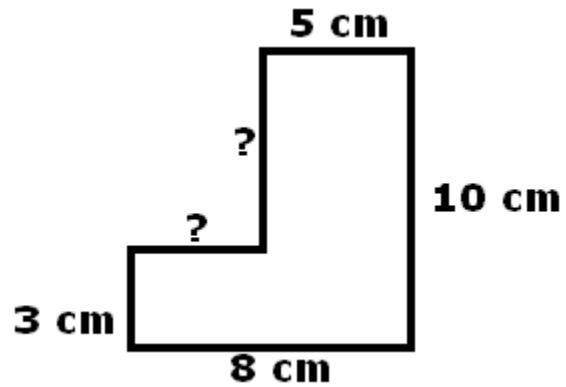
- A. $3 \frac{1}{2}$ in.
 - B. $2 \frac{1}{2}$ in.
 - C. 3 in.
 - D. 2 in.
-

7. Multiply.

$$2 \times 60 = ?$$

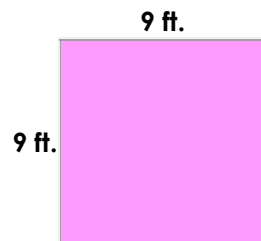
- A. 12
 - B. 120
 - C. 140
 - D. 130
-

8. Find the perimeter of the herb garden.



- A. 26 cm
 - B. 34 cm
 - C. 80 cm
 - D. 36 cm
-

9.



$$\text{area} = l \times w$$

What is the area of the rectangle above?

- A. 18 feet²
 - B. 36 feet²
 - C. 54 feet²
 - D. 81 feet²
-

10. The cinnamon in the bottle below weighs a total of 35 grams.



If the cinnamon is split equally into 5 groups, how much cinnamon will be in each group?

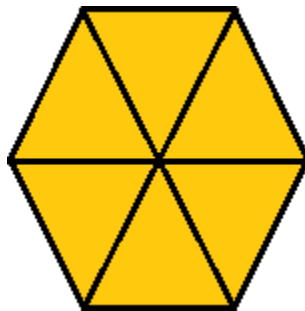
- A. 12 g
 - B. 7 g
 - C. 40 g
 - D. 4 g
-

11. What two numbers are missing in the pattern below?

7, 14, 21, , , 42

- A. 29, 35
 - B. 28, 35
 - C. 22, 23
 - D. 43, 44
-

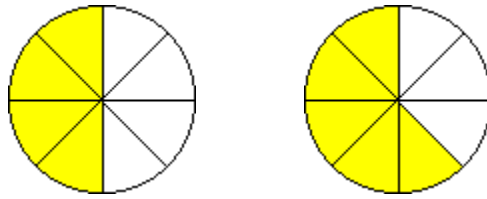
12. The shape below has been split into six equal pieces.



Each piece of the shape is equal to which fraction of the total area?

- A. $\frac{2}{6}$
 - B. $\frac{3}{6}$
 - C. $\frac{6}{6}$
 - D. $\frac{1}{6}$
-

13. Compare the two fractions below.



Which of the following is true?

- A. $\frac{4}{8} < \frac{5}{8}$
 - B. $\frac{4}{8} = \frac{5}{8}$
 - C. $\frac{4}{8} > \frac{5}{8}$
-

14. Which of these is a unit of area?

- A. grams
 - B. square centimeters
 - C. inches
 - D. cubic feet
-

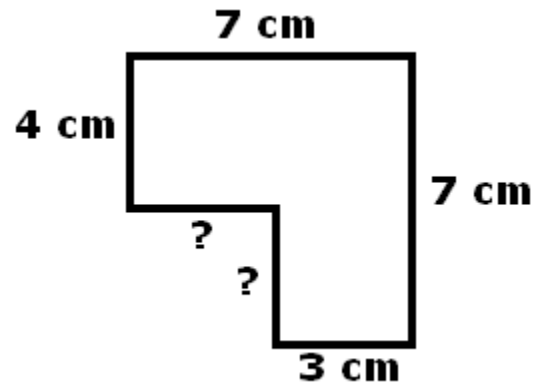
15.



What portion is shaded yellow in the above figure?

- A. $\frac{1}{3}$
 - B. $\frac{3}{4}$
 - C. $\frac{2}{3}$
 - D. $\frac{2}{4}$
-

16. Find the perimeter of the herb garden.



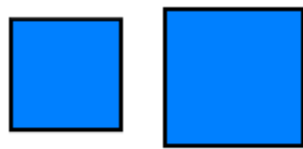
- A. 49 cm
- B. 29 cm
- C. 21 cm
- D. 28 cm

17. Solve:

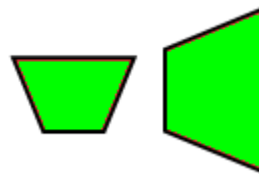
$$\begin{array}{r} 576 \\ + \quad 54 \\ \hline \end{array}$$

- A. 630
- B. 640
- C. 6,210
- D. 1,114

18. Look at the pairs of shapes. Which is a pair of triangles?



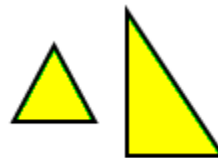
W.



X.



Y.



Z.

- A. X
- B. W
- C. Z
- D. Y

19. $48 \div 6 = \square$

- A. 48
 - B. 14
 - C. 8
 - D. 10
-

20. Ken visited his grandfather on the farm. He peeked under the fence to see the cows and counted 36 legs. How many cows were there?

- A. 10
 - B. 18
 - C. 9
 - D. 11
-

21. Oscar had \$45. Then he earned \$10 helping his mother. If he buys a birthday present for \$10, how much money will he have left?

- A. \$50
 - B. \$45
 - C. \$65
 - D. \$25
-

22. Which number sentence is in the same fact family as the following?

$$9 \times 4 = ?$$

- A. $9 + 4 = 13$
 - B. $4 + 5 = 9$
 - C. $36 \div 4 = 9$
 - D. $4 \times 4 = 16$
-

23. If $81 \div 9 = 9$, then $9 \times \square = 81$.

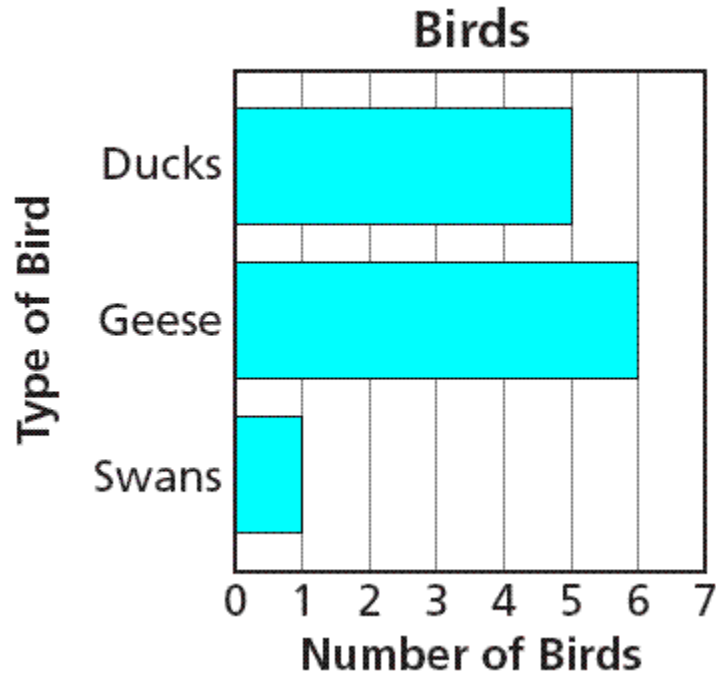
Which number belongs in the \square ?

- A. 81
 - B. 9
 - C. 5
 - D. 12
-

24. Beth has 3 boxes of shells. There are 7 shells in each box. How many shells does she have altogether?

- A. 21
 - B. 10
 - C. 4
 - D. 22
-

25. The graph below shows the number of birds Chris saw at a lake.



How many more ducks are there than swans?

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

26.



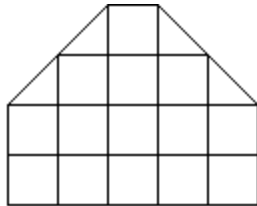
Ms. Yang always arranges the 24 desks in her classroom in equal rows. The first month of school she made 4 rows with 6 desks in each row. The second month she made 6 rows with 4 desks in each row. What is another way that Ms. Yang could arrange the 24 desks into equal rows?

- A. 3 rows with 9 desks in each row
 - B. 12 rows with 2 desks in each row
 - C. 4 rows with 5 desks in each row
 - D. 5 rows with 6 desks in each row
-

27. Jan has 42 blocks to make 7 buildings. Each building will use an equal number of blocks. Which number sentence shows the number of blocks used to build each building?

- A. $42 - 7 = 35$
 - B. $42 \div 7 = 6$
 - C. $7 + 7 + 7 = 21$
 - D. $42 + 7 = 49$
-

28.

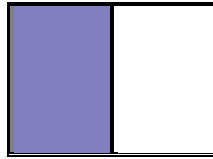


= 1 square unit

What is the area of this figure?

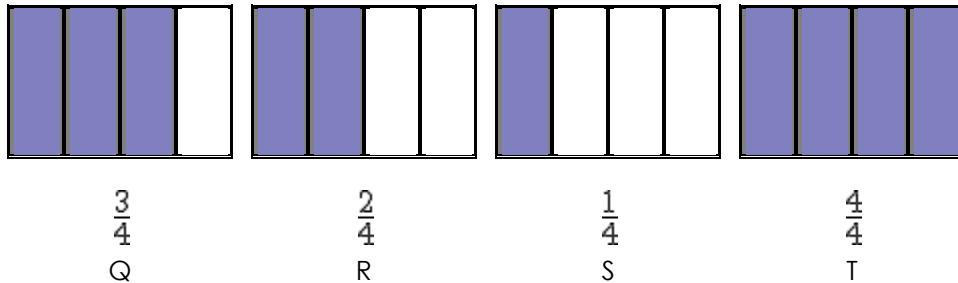
- A. 14 square units
 - B. 16 square units
 - C. 18 square units
 - D. 10 square units
-

29.



$\frac{1}{2}$

Which of the following fractions is equal to the fraction above?



- A. S
 - B. T
 - C. Q
 - D. R
-

30.

11 12 13 14



What value does the red dot represent on the number line?

- A. $12 \frac{3}{4}$
 - B. $14 \frac{1}{4}$
 - C. 14
 - D. $13 \frac{1}{2}$
-

Answers

- 1. B
- 2. B
- 3. C
- 4. B
- 5. B
- 6. B
- 7. B
- 8. D
- 9. D
- 10. B
- 11. B
- 12. D
- 13. A
- 14. B
- 15. A
- 16. D
- 17. A
- 18. C
- 19. C
- 20. C
- 21. B
- 22. C
- 23. B
- 24. A
- 25. B
- 26. B
- 27. B
- 28. B
- 29. D
- 30. D