A school cafeteria serves lunch to 480 students. If each student gets 2 slices of pizza and each pizza has 8 slices, how many whole pizzas are needed?

Total students: 480

Slices per student: 2

Slices per pizza: 8
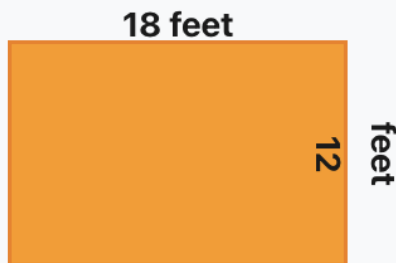

Total slices needed = ?

A   120 pizzas

B   240 pizzas

C   60 pizzas

D   480 pizzas

A rectangular garden has the following dimensions shown in the diagram:

18 feet

12 feet

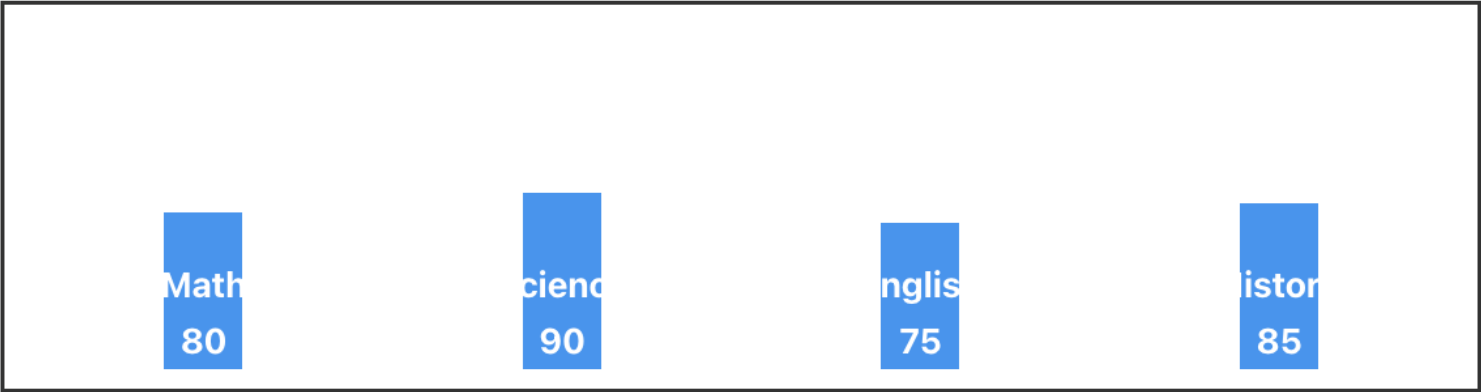If fencing costs $4.50 per foot, what is the total cost to fence the entire perimeter of the garden?

A $216

B $270

C $243

D $324

Based on the bar chart below, which shows test scores for different subjects:

Math	Science	English	History
80	90	75	85

What is the average test score across all subjects?

A 80

B 85

C 82.5

D 87.5

What is the next number in the sequence: 3, 9, 27, 81, ___?

$$3 \times 3 = 9$$
$$9 \times 3 = 27$$
$$27 \times 3 = 81$$
$$81 \times 3 = ?$$

Each number is multiplied by 3 to get the next number.

A   162

B   216

C   243

D   324

If 3x + 7 = 28, what is the value of x?

A 9

B 5

C 11

D 7

A pizza is cut into 8 equal slices. If 3 slices are eaten, what fraction of the pizza remains?

Green: Remaining | Red: Eaten

A   3/8

B   5/8
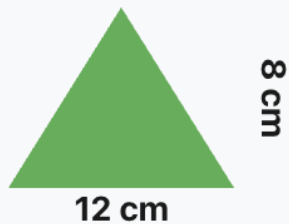
C   3/5

D   5/3

What is the area of a triangle with base 12 cm and height 8 cm?

A   96 cm²

B   20 cm²

C   48 cm²

D   40 cm²

Based on the data table below, what is the total number of books sold on Wednesday and Thursday?

Day	Books Sold
Monday	45
Tuesday	38
Wednesday	52
Thursday	41
Friday	47

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A   89

B   99

C   103

D   93

If the pattern continues, what number comes next in the sequence: 2, 6, 18, 54, ___?

A   162

B   108

C   216

D   270

What is 15% of 240?

A 30

B 36 parapracticetest.net

C 42

D 45

A rectangular prism has dimensions 4 cm × 6 cm × 3 cm. What is its volume?

A   78 cm³

B   84 cm³

C   72 cm³

D   96 cm³

Solve: $2(x + 3) = 14$

A $x = 5$

B $x = 6$

C $x = 7$

D $x = 4$

What is the median of the following data set: 12, 8, 15, 9, 11, 13, 10?

A   11

B   10

C   12

D   13

What is $(-3)^2 + 4^2 - 2^3$?

A   9

B   17

C   21

D   25

A circle has a radius of 5 meters. What is its circumference? (Use π ≈ 3.14)

A 15.7 meters

B 31.4 meters

C 78.5 meters

D 25 meters

If a recipe calls for 2¼ cups of flour and you want to make 1½ times the recipe, how much flour do you need?

A   2¾ cups

B   3¼ cups

C   3⅜ cups

D   3½ cups

What is the slope of a line passing through points (2, 3) and (6, 11)?

A 3

B 2

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C 4

D 8

A store offers a 25% discount on a $80 item. What is the sale price?

A $60

B $55

C $65

D $70

What is the greatest common factor (GCF) of 48 and 72?

A 12

B 16

C 24

D 36

If $f(x) = 2x + 5$, what is $f(3)$?

A 8

B 11

C 13

D 10

A bag contains 5 red balls, 3 blue balls, and 2 green balls. What is the probability of drawing a blue ball?

A 1/3

B 3/10

C 1/5

D 3/8

What is the surface area of a cube with side length 4 cm?

A   64 cm²

B   48 cm²

C   96 cm²

D   80 cm²

Solve for y: 3y – 8 = 2y + 5

A   y = 3

B   y = 13

C   y = -3

D   y = -13

What is the mode of the data set: 7, 9, 7, 12, 9, 7, 15?

A 9

B 12

C 7

D 15

What is 4.75 × 3.2?

A 15.2

B 15.4

C 15.6

D 15.8

A right triangle has legs of length 9 cm and 12 cm. What is the length of the hypotenuse?

A   18 cm

B   15 cm

C   21 cm

D   24 cm

What is the least common multiple (LCM) of 12 and 18?

A   54

B   72

C   36

D   216

If $2x + 3y = 12$ and $x = 3$, what is the value of y?

A   y = 1

B   y = 2

C   y = 3

D   y = 4

What is the range of the following data set: 15, 8, 22, 11, 19, 6, 25?

A   17

B   21

C   19

D   23

A cylinder has a radius of 3 cm and height of 8 cm. What is its volume? (Use π ≈ 3.14)

A. 226.08 cm³

B. 235.62 cm³

C. 241.84 cm³

D. 248.16 cm³

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