

Tabernacle Courtyard Calculations

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4th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Calculate the area of the tabernacle courtyard in square cubits: $100 \text{ cubits} * 50 \text{ cubits} = \underline{\hspace{2cm}}$

2. What is the perimeter of the tabernacle courtyard in cubits?
 $2 * (100 + 50) = \underline{\hspace{2cm}}$

3. If one cubit is approximately 18 inches, how many inches long is the courtyard? $100 \text{ cubits} * 18 \text{ inches} = \underline{\hspace{2cm}}$

4. If the width of the courtyard is 50 cubits, how many inches wide is that? $50 \text{ cubits} * 18 \text{ inches} = \underline{\hspace{2cm}}$

5. Circle the greater measurement: Area of courtyard (5000 sq. cubits) or Perimeter (300 cubits)

6. What number comes next? Length of courtyard in cubits: 100, 150, 200, $\underline{\hspace{2cm}}$

7. The area of the courtyard is greater than the perimeter. ($5000 > 300$)

True False

8. If the courtyard's length is halved, what is the new length in cubits? $100 \text{ cubits} / 2 = \underline{\hspace{2cm}}$

9. If a wall section of the courtyard is 20 cubits long, how many sections can fit in 100 cubits? $100 \text{ cubits} / 20 \text{ cubits} = \underline{\hspace{2cm}}$

10. If one side of the courtyard is increased by 10 cubits, what is the new length? $100 \text{ cubits} + 10 \text{ cubits} = \underline{\hspace{2cm}}$

11. If the courtyard has a fence that costs \$2 per cubit, what will it cost to fence the perimeter? $300 \text{ cubits} * \$2 = \underline{\hspace{2cm}}$

12. Circle the greater number: Area in square cubits (5000) or Width in cubits (50)

13. What number comes next? Area dimensions: 5000, 6000, 7000, $\underline{\hspace{2cm}}$

14. The width of the courtyard is greater than the length. ($50 < 100$)

True False

15. If you want to create a smaller courtyard that is half the area of the original, what is the new area in square cubits?

$5000 / 2 = \underline{\hspace{2cm}}$

Answer Key

1. 5000 2. 300 3. 1800 4. 900 5. 5000 6. 250 7. True 8. 50 9. 5 10. 110 11. 600 12. 5000 13. 8000 14. False 15. 2500