

Finding the Unknown Side Length



Solve.

① $2 \text{ meters} \times s = 60 \text{ square meters}$

How long is the unknown side s ?

Equation with unknown: Sample answer: $2 * s = 60$

Answer: 30 meters

② $6 \text{ meters} \times t = 420 \text{ square meters}$

What is the length of the unknown side t ?

Equation with unknown: Sample answer: $420 \div 6 = t$

Answer: 70 meters

③ Fill in the unknown information about some rectangular rooms in a museum.

Room	Length in Yards	Width in Yards	Area in Square Yards
A	6	3	18
B	7	8	56
C	9	5	45
D	10	9	90

④ A store is rectangular in shape with an area of 2,700 square feet. It has a length of 90 feet. How wide is it?

Equation with unknown: Sample answer: $2,700 \div 90 = u$

Answer: 30 feet

Practice

⑤ $420 \div 7 = \underline{60}$ ⑥ $\underline{600} = 3,600 / 6$ ⑦ $5,400 \div 90 = \underline{60}$