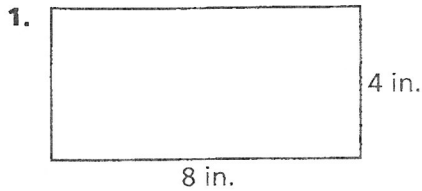# Area of Rectangles

Find the area of each figure.

1.

4 in.

8 in.

$A =$ _____

2.

16 cm

21 cm

$A =$ _____
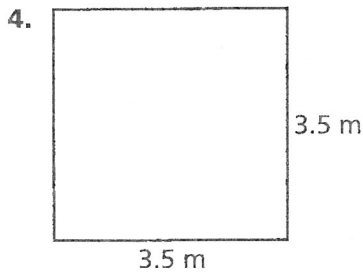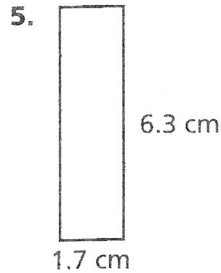
3.

9 ft

9 ft

$A =$ _____

4.

3.5 m

3.5 m

$A =$ _____

5.

6.3 cm

1.7 cm

$A =$ _____

6.

25 in.

25 in.
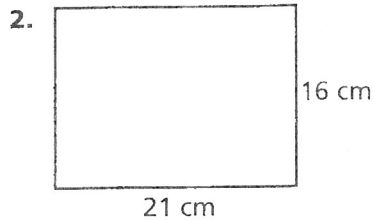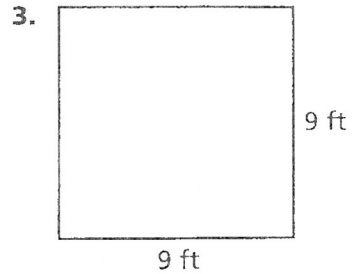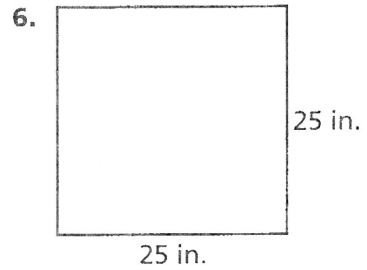
$A =$ _____

Find each missing measurement.

7.

z

12 cm

$A = 48 \text{ cm}^2$

$z =$ _____

8.

b

b

$A = 16 \text{ ft}^2$

$b =$ _____

9.

4 in.

p
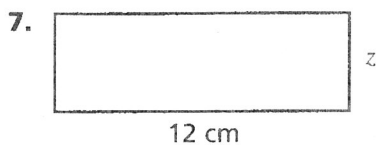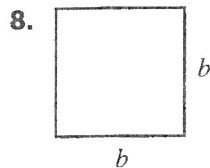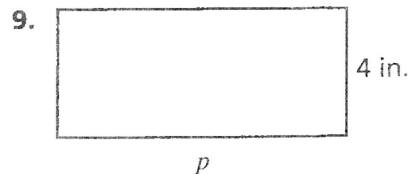
$A = 72 \text{ in.}^2$

$p =$ _____

Problem Solving

10. A family room is 24 feet long and 18 feet wide. What is the area of the family room?

_____

11. A square carpet is 3.6 meters on each side. What area will the carpet cover?

_____