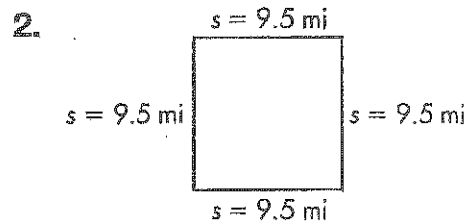
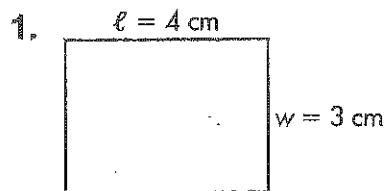


Name _____

Areas of Squares and Rectangles

Find the area of each figure.



3. a rectangle with sides 6.5 km and 3.4 km

4. a square with a side of 10.2 ft

5. a rectangle with sides 9 m and 9.2 m

6. **Number Sense** Which units would you use to measure the area of a rectangle with $l = 1$ m and $w = 34$ cm? Explain.

7. Which of the following shapes has an area of 34 ft²?

- A a square with $s = 8.5$ m
- B a rectangle with $l = 15$ ft, $w = 2$ ft
- C a square with $s = 16$ ft
- D a rectangle with $l = 17$ ft, $w = 2$ ft

8. **Explain It** The area of a square is 49 m². What is the length of one of its sides? Explain how you solved this problem.

What's the Area?

1. Jack wants to put a mat on his tree house floor. His tree house measures 9 feet by 7 feet. He can purchase a mat for \$5 per square foot. How much will Jack spend to purchase a mat for his tree house?
-

2. Which has the greater area: a 7-by-9-meter rectangle, or a square with a side of 8 meters?
-
-

3. Trish is breaking ground for a rose garden in her backyard. The garden will be square with a side of 26 m. What is the area of Trish's rose garden?
-

4. Mike is building a deck. The deck will be rectangular with a length of 35 m and a width of 12 m. What is the area of Mike's deck?
-

5. Selena is designing a dog kennel. The kennel will have a length of 75 m and a width of 50 m. What will be the perimeter of Selena's kennel? What will be the area of Selena's kennel?
-

6. Eugene wants to tile the floor of his media room. His media room measures 27 feet by 13 feet. He can purchase the tile on sale for \$8 per square foot including installation. How much will Eugene spend to tile the floor of his media room?
-