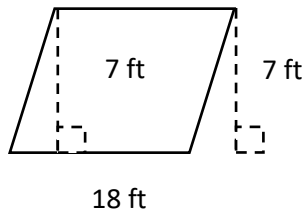


Name: \_\_\_\_\_ Teacher: \_\_\_\_\_ School: \_\_\_\_\_

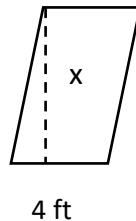
**Grade 6: Lesson 16** Area of a parallelograms

Find the area or missing length of the given shapes by composing each parallelogram into a rectangle.  
You may use a calculator, if needed.

1.



2. Area =  $32 \text{ ft}^2$



3. Ronna has a sticker in the shape of a parallelogram. The sticker has a base of 6.5 cm and a height of 10.1 cm. What is the area of the sticker? Deconstruct the parallelogram into a rectangle to find the area.

4. Jane's backyard is shaped like a parallelogram. The base of the parallelogram is 90 ft, and the height is 25 feet. What is the area of Jane's backyard? Deconstruct the parallelogram into a rectangle to find the area.

5. Cougar Park is shaped like a parallelogram and has an area of  $\frac{1}{16}$  square mile. Its base is  $\frac{3}{8}$  mile. What is its height? Deconstruct the parallelogram into a rectangle to find the missing width.