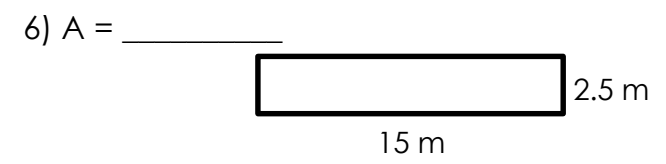
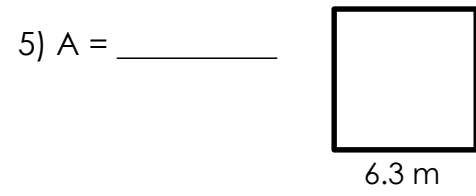
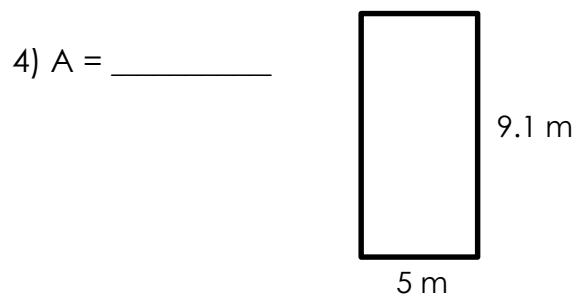
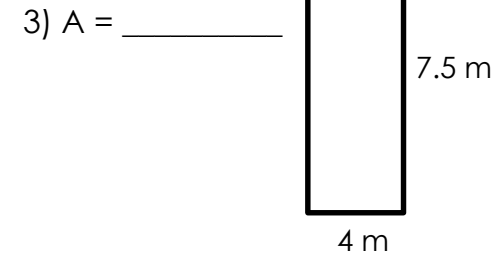
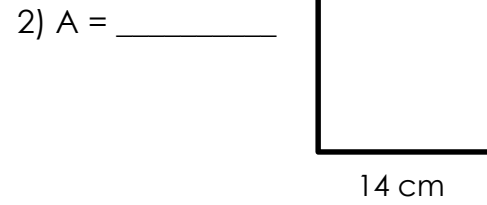
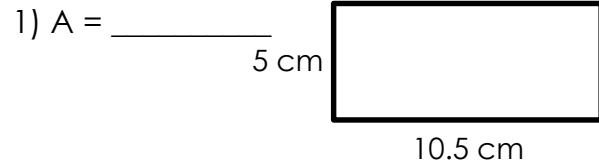


**Practice:** Area of Rectangles and Squares

$$A = lw$$

$$A = s^2$$

Find each area.



- 7) Paul is designing a flower garden. If he makes the garden 21 feet long and 2.5 feet wide, what will the area of the garden be?
- 8) Marlee is going to paint her square poster, which is 1.8 meters long. What is the area of the poster?
- 9) The area of Vaughn's dog pen is 341 square feet. The length of the pen is 22 feet. What is the width?
- 10) Amanda's art project is 48 square inches. What are all the possible dimensions (lengths and widths) of her project? (Sides are whole numbers.)

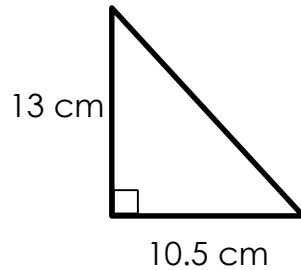
- 7) \_\_\_\_\_
- 8) \_\_\_\_\_
- 9) \_\_\_\_\_
- 10) \_\_\_\_\_  
\_\_\_\_\_

**Practice: Area of Triangles**

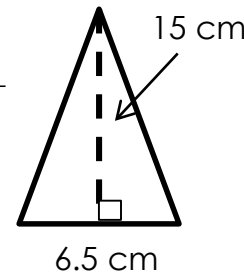
$$\frac{1}{2}bh$$

**Find the area of each triangle.**

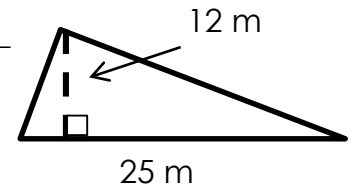
1) A = \_\_\_\_\_



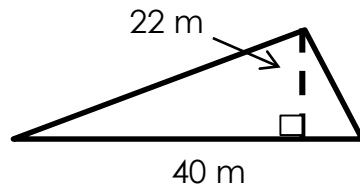
2) A = \_\_\_\_\_



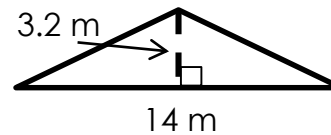
3) A = \_\_\_\_\_



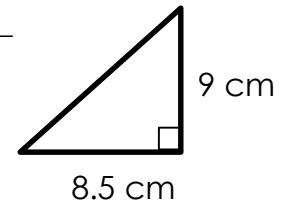
4) A = \_\_\_\_\_



5) A = \_\_\_\_\_



6) A = \_\_\_\_\_



- 7) Michelle painted a triangle in a mural on her wall. The base of the triangle is 24 inches and the height is 18 inches. What is the area of the triangle?
- 8) Nancy's dad built a triangular shelf for her. The base of the shelf is 15 inches and the height is 12 inches. What is the area of the shelf?
- 9) Pedro is designing a kite, and part of it is a triangle. The base of the kite is 20 inches. Pedro wants the area to be 145 square inches. What does the height need to be?
- 10) A triangle has an area of 30 square meters. Find 3 possible base and height combinations for the triangle.

7) \_\_\_\_\_

8) \_\_\_\_\_

9) \_\_\_\_\_

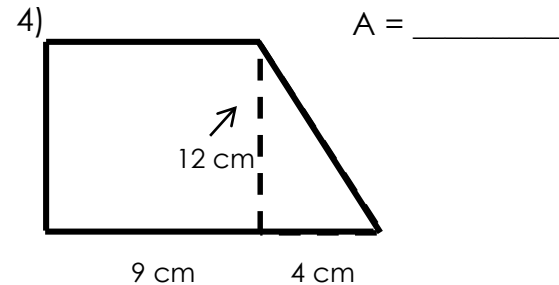
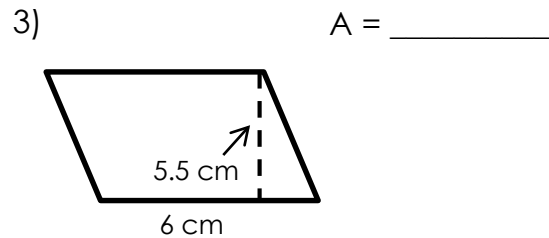
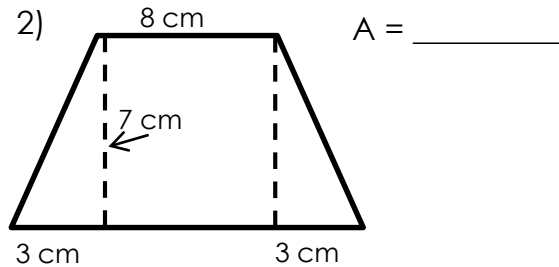
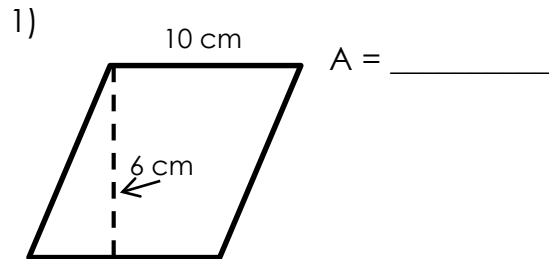
10) \_\_\_\_\_  
 \_\_\_\_\_

**Topic:** Area of Special Quadrilaterals

I CAN find the area of special quadrilaterals by decomposing into triangles and rectangles.

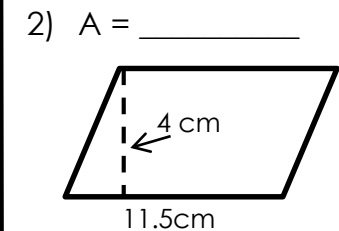
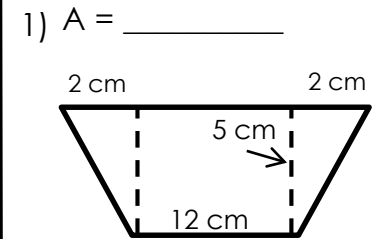
Decomposing shapes: \_\_\_\_\_ shapes apart into \_\_\_\_\_.

**Find the area of each shape.**



**You Try It**

**Find the area of each shape.**



**Explain:** How does the area of a parallelogram compare to the areas of the triangles inside? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

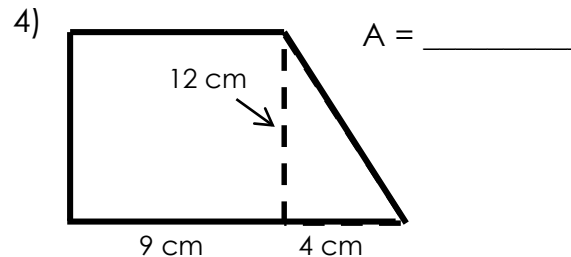
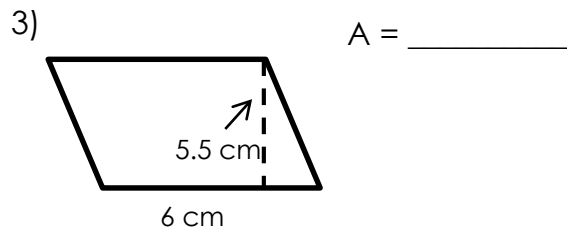
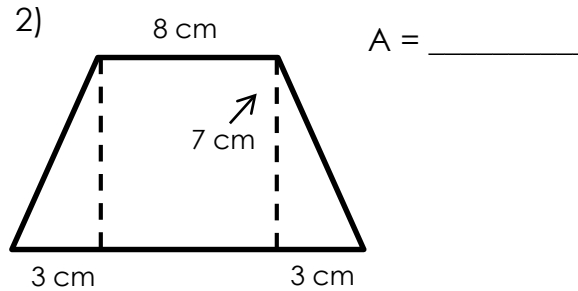
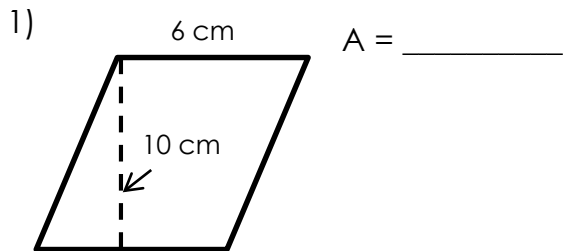
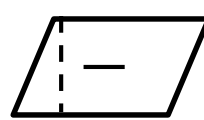
**Topic:** Area of Special Quadrilaterals

I CAN find the area of special quadrilaterals by using a formula.

Area of a parallelogram: \_\_\_\_\_

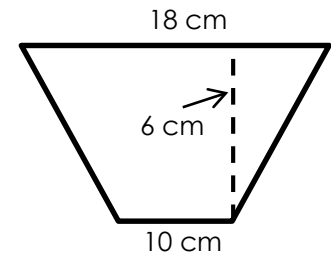
Area of a trapezoid: \_\_\_\_\_

**Find the area of each shape.**

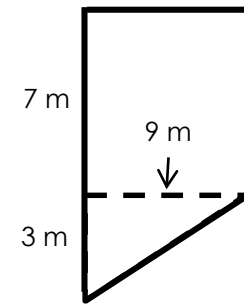


**You Try It**

1) A = \_\_\_\_\_



2) A = \_\_\_\_\_



**Explain:** Which method do you prefer for finding the area of a trapezoid – decomposing the figure or using the formula? Why? \_\_\_\_\_

\_\_\_\_\_