

Name:

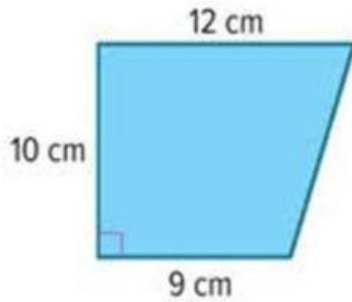
Class:

Date:

Lesson 8.2 Area of Trapezoids

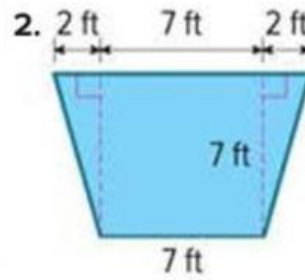
Decompose each trapezoid to find its area. (Example 1)

1.



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

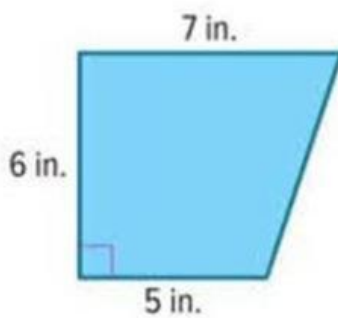
2.



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

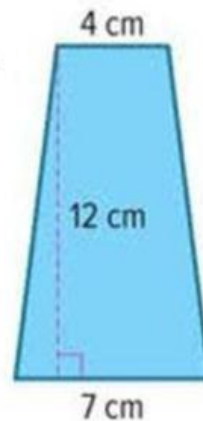
Find the area of each trapezoid. (Example 2)

3.



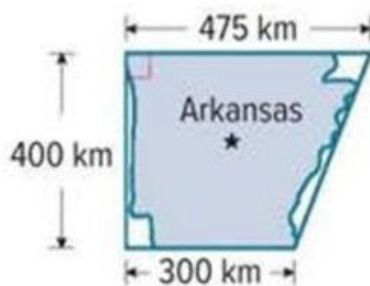
$$A = \quad \text{in}^2$$

4.



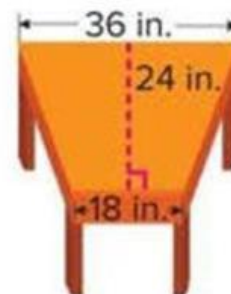
$$A = \quad \text{cm}^2$$

5. The shape of Arkansas resembles a trapezoid. What is the approximate area of Arkansas? (Example 3)



$$A = \quad \text{km}^2$$

6. The top of the desk shown is in the shape of a trapezoid. What is the area of the top of the desk? (Example 4)



$$A = \quad \text{in}^2$$