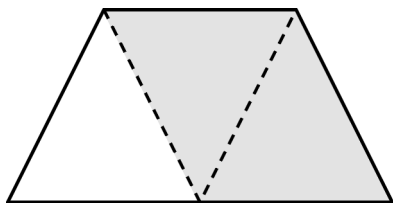


Area of Trapezoids

Name: _____

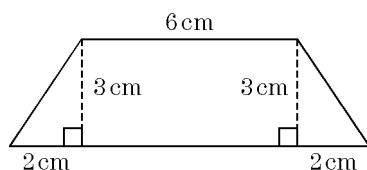
Date: _____

1. The trapezoid below can be divided into 3 identical triangles.

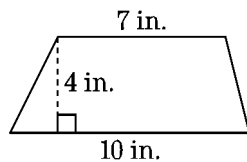


If the area of the shaded parallelogram is 18 in^2 , what is the area of the trapezoid?

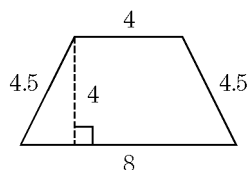
2. Find the area of the isosceles trapezoid shown.



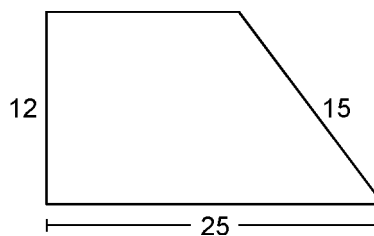
3. Find the area of the trapezoid shown.



4. What is the area of this trapezoid?

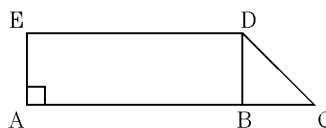


- 5.



Find the area of the trapezoid.

6. In the diagram shown, $ABDE$ is a rectangle, $ACDE$ is a trapezoid, $BC = 4$, $AC = 24$, $DB = 12$. Find the area of trapezoid $ACDE$.



7. Find the area of a trapezoid with parallel sides of lengths 10.5 cm and 15.5 cm and a height of 6.8 cm.

8. Find the height of a trapezoid if its parallel sides are 12 cm and 18 cm long and its area is 345 cm^2 .