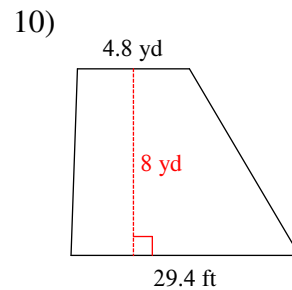
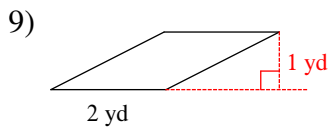
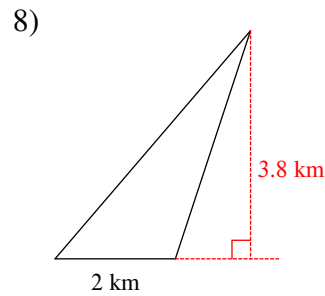
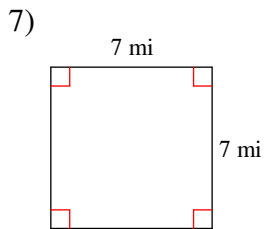
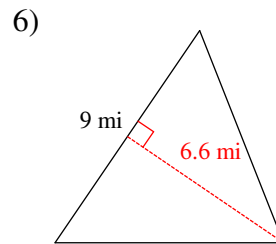
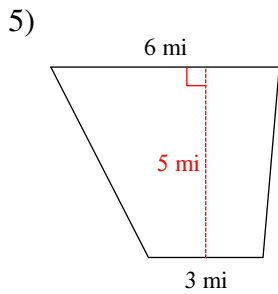
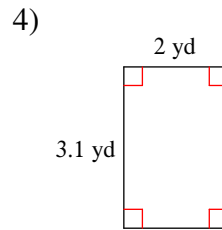
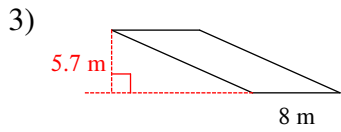
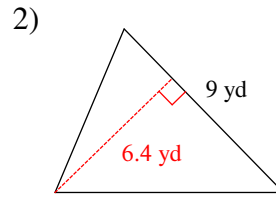
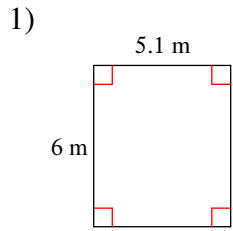
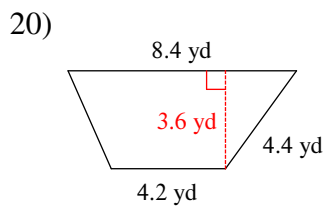
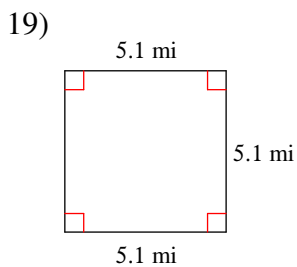
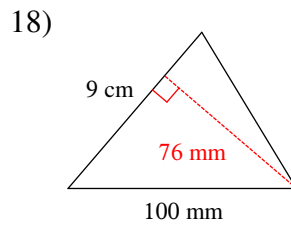
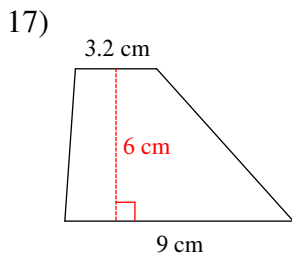
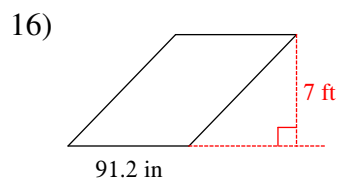
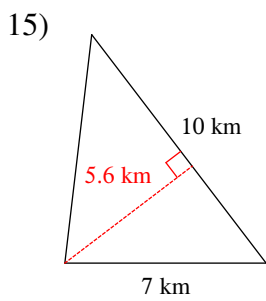
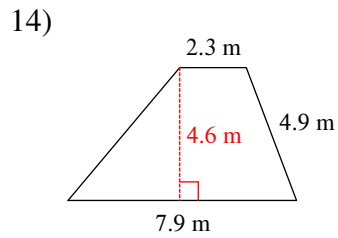
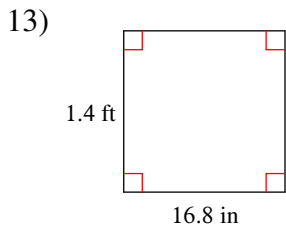
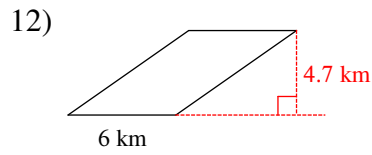
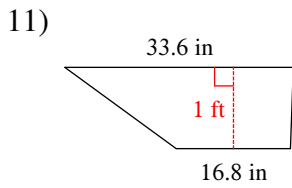


# Area of Triangles and Quadrilaterals

**Find the area of each.**





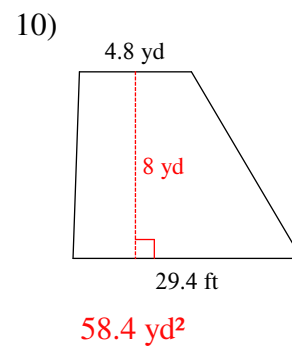
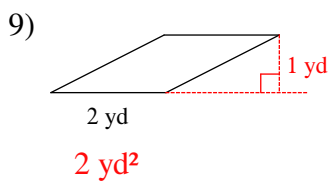
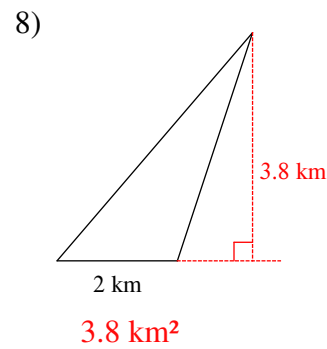
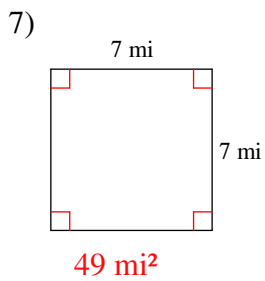
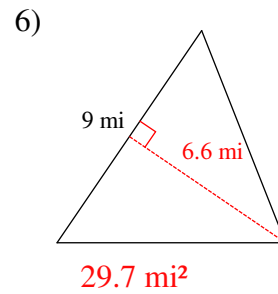
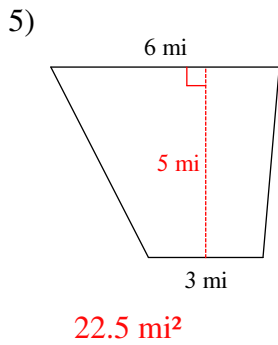
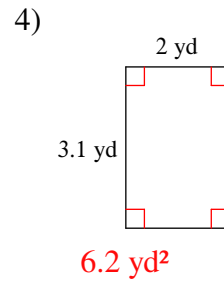
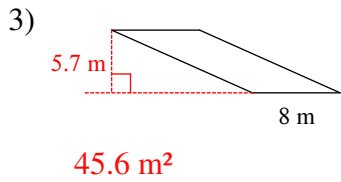
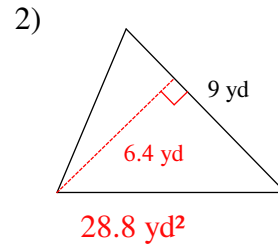
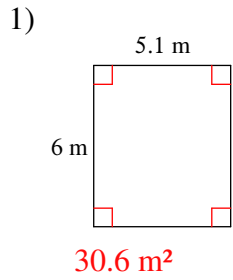
**Critical thinking questions:**

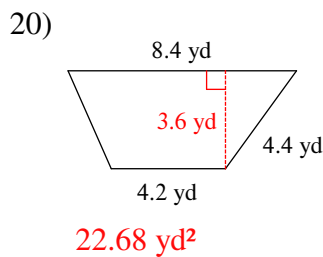
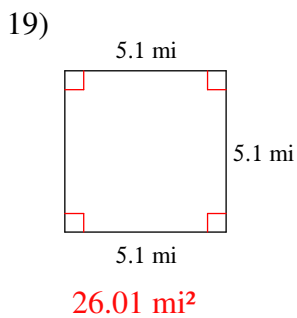
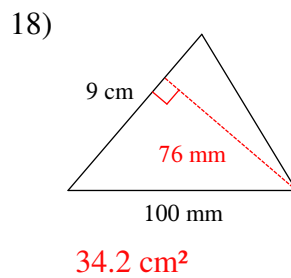
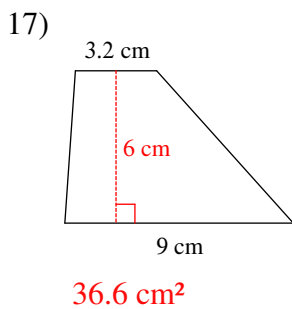
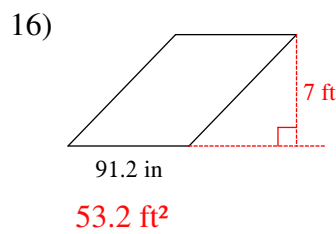
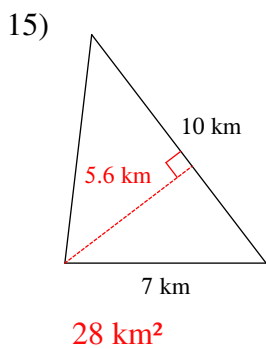
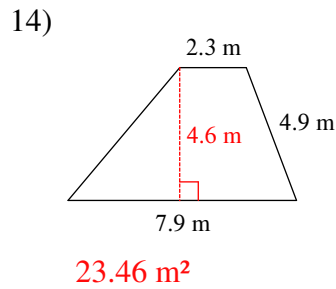
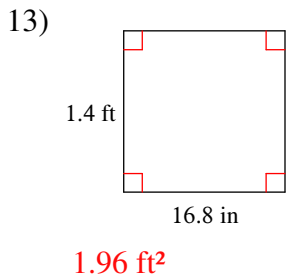
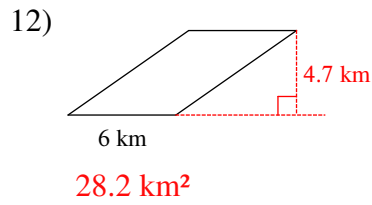
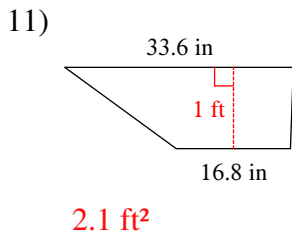
21) Sketch and label a trapezoid that has an area of  $100 \text{ cm}^2$ .

22) Change one number in the diagram you drew for the last question so that the area is now  $200 \text{ cm}^2$ .

# Area of Triangles and Quadrilaterals

**Find the area of each.**





**Critical thinking questions:**

21) Sketch and label a trapezoid that has an area of  $100 \text{ cm}^2$ .  
 $26.01 \text{ mi}^2$   
**Many answers**

22) Change one number in the diagram you drew for the last question so that the area is now  $200 \text{ cm}^2$ .  
**(Double the height)**