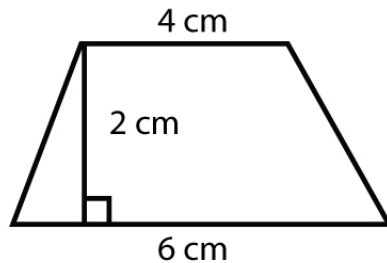


Name : \_\_\_\_\_

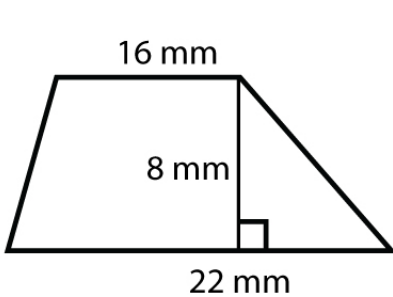
Score : \_\_\_\_\_ Date : \_\_\_\_\_

Finding the Area of the Trapezoid Worksheet

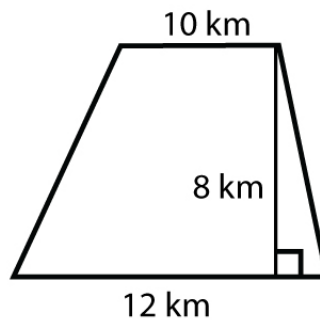
Solved:



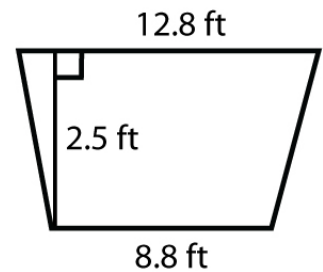
$$\begin{aligned} \text{Area} &= \frac{1}{2} h (a+b) \\ &= \frac{1}{2} \times 2 \text{ cm} (2 \text{ cm} + 6 \text{ cm}) \\ &= \frac{1}{2} \times 2 \text{ cm} \times 8 \text{ cm} = 8 \text{ cm}^2 \end{aligned}$$



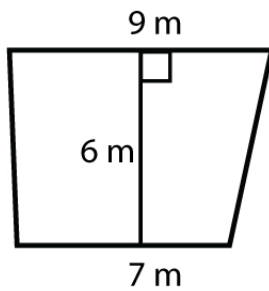
Area = \_\_\_\_\_



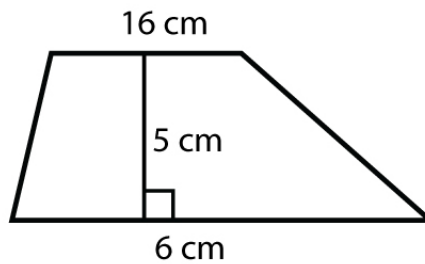
Area = \_\_\_\_\_



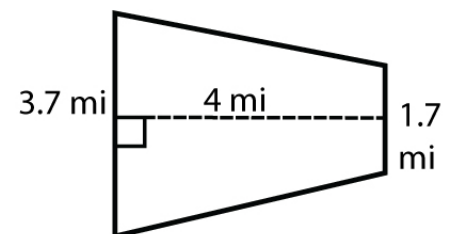
Area = \_\_\_\_\_



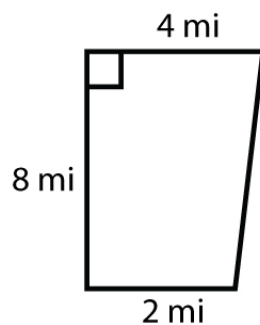
Area = \_\_\_\_\_



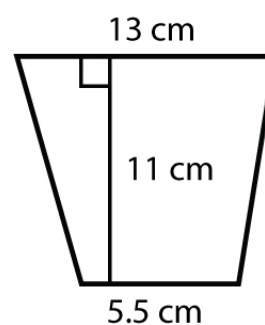
Area = \_\_\_\_\_



Area = \_\_\_\_\_



Area = \_\_\_\_\_



Area = \_\_\_\_\_

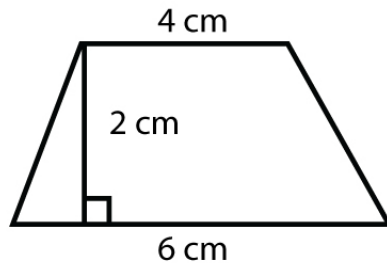
Name : \_\_\_\_\_

Score : \_\_\_\_\_ Date : \_\_\_\_\_

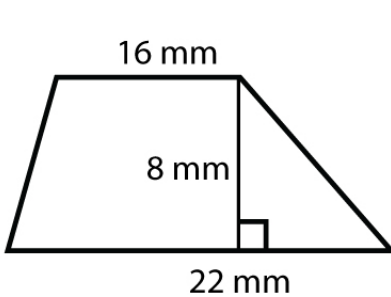
Finding the Area of the Trapezoid Worksheet

Answers

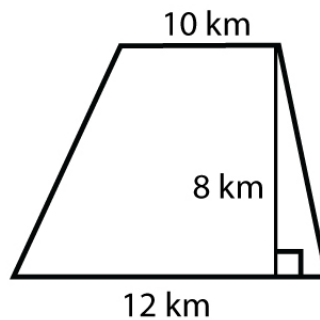
Solved:



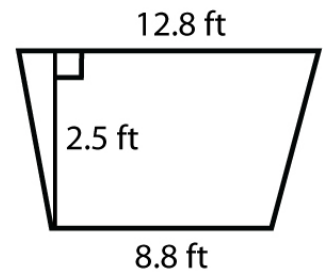
$$\begin{aligned} \text{Area} &= \frac{1}{2} h (a+b) \\ &= \frac{1}{2} \times 2 \text{ cm} (2 \text{ cm} + 6 \text{ cm}) \\ &= \frac{1}{2} \times 2 \text{ cm} \times 8 \text{ cm} = 8 \text{ cm}^2 \end{aligned}$$



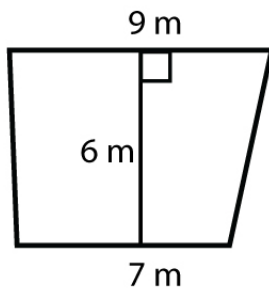
Area = 152 mm<sup>2</sup>



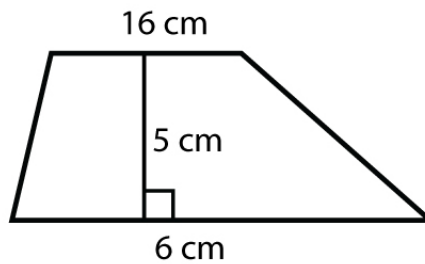
Area = 88 km<sup>2</sup>



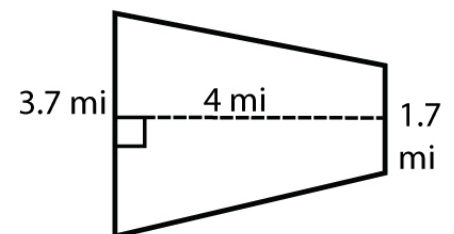
Area = 27 ft<sup>2</sup>



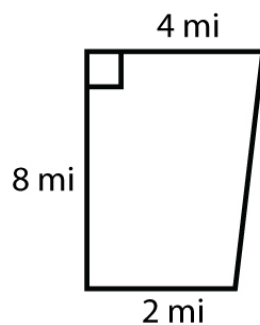
Area = 48 m<sup>2</sup>



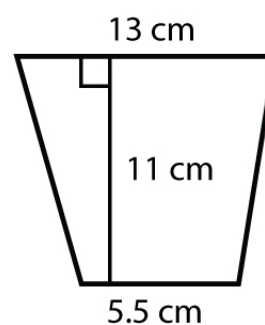
Area = 55 cm<sup>2</sup>



Area = 10.8 mi<sup>2</sup>



Area = 24 mi<sup>2</sup>



Area = 101.75 cm<sup>2</sup>