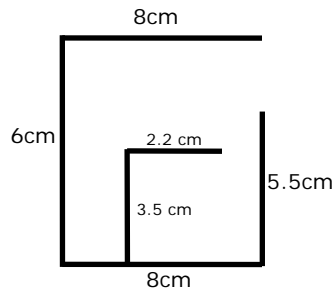


Name _____

Date _____

Scale Drawings of Geometric Figures - Step-by-Step Lesson

Julia shows the scale drawing of her bedroom below. If each 4 cm on the scale drawing equals 10 ft, what are the actual dimensions of Julia's room?



Explanation:

Standard 4 cm = 10 ft

$$8 \text{ cm} = \frac{10}{4} \times 8 = 20\text{ft}$$

$$5.5 \text{ cm} = \frac{10}{4} \times 5.5 = 13.75 \text{ ft}$$

$$8 \text{ cm} = \frac{10}{4} \times 8 = 20\text{ft}$$

$$6 \text{ cm} = \frac{10}{4} \times 6 = 15\text{ft}$$

$$2.2 \text{ cm} = \frac{10}{4} \times 2.2 = 5.5\text{ft}$$

$$3.5 \text{ cm} = \frac{10}{4} \times 3.5 = 8.75\text{ft}$$

