

Study Guide & Intervention 4-7

$$5.8 \text{ m}^2 = \underline{\hspace{1cm}} \text{ cm}^2$$

The conversion factor is: $1\text{m} = 100\text{cm}$

$$5.8\text{m}^2 = \underline{\hspace{1cm}}\text{cm}^2$$

$$5.8\text{m}^2 \cdot (100\text{cm} \times 100\text{cm})$$

$$5.8\text{m}^2 \cdot 10,000\text{cm}^2$$

Answer: $58,000\text{cm}^2$

$$1) 6 \text{ ft}^2 = \underline{\hspace{1cm}} \text{ in}^2$$

$$2) 0.25 \text{ m}^2 = \underline{\hspace{1cm}} \text{ cm}^2$$

$$3) 18 \text{ ft}^2 = \underline{\hspace{1cm}} \text{ yd}^2$$

$$4) 189 \text{ ft}^3 = \underline{\hspace{1cm}} \text{ yd}^3$$

$$5) 2 \text{ m}^3 = \underline{\hspace{1cm}} \text{ cm}^3$$

$$6) 3,456 \text{ in}^3 = \underline{\hspace{1cm}} \text{ ft}^3$$

$$7) 24 \text{ cm}^2 = \underline{\hspace{1cm}} \text{ in}^2$$

$$8) 15 \text{ ft}^3 = \underline{\hspace{1cm}} \text{ m}^3$$

$$9) 7 \text{ in}^3 = \underline{\hspace{1cm}} \text{ cm}^3$$