

### 3.23.16

The base of the parallelogram is 25.6 cm and the height is 9.4 cm. Find the area of the parallelogram. Put the appropriate markings on the parallelogram.

$$b = 25.6 \text{ cm} \quad h = 9.4 \text{ cm}$$

$$A = h \cdot b$$

$$A = 25.6 \times 9.4 = 240.64 \text{ cm}^2$$

The area of the parallelogram is  $241.28 \text{ cm}^2$  and the base is 23.2 cm.

Find the height of the parallelogram. Put the appropriate markings on the parallelogram.

$$\frac{241.28}{23.2} = \frac{23.2(h)}{23.2}$$

$$h = 10.4 \text{ cm}$$

