

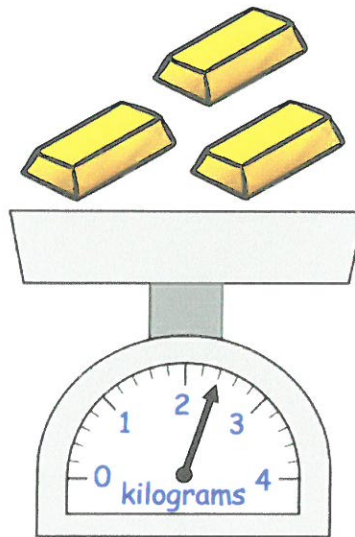
29th January



Corbettmaths

Three identical gold bars are placed on a set of scales.

Work out the weight of one bar of gold.
Include units.



$$2.4 \div 3 = 0.8$$

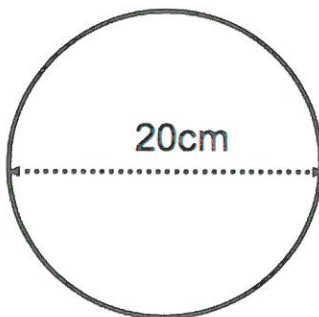
$$0.8 \text{ kg or } 800 \text{ g}$$

$$\frac{3}{4} + \frac{1}{12}$$

$$\frac{9+1}{12} = \frac{10}{12} = \frac{5}{6}$$

$$\frac{3}{5} - \frac{2}{7}$$

$$\frac{21-10}{35} = \frac{11}{35}$$



Work out the area of the circle.

$$A = \pi r^2 \quad r = 20 \div 2 = 10 \text{ cm}$$

$$A = \pi \times 10^2$$

$$A = 100\pi$$

$$A = 314 \text{ cm}^2 \text{ (3 sig figs)}$$

Expand $4(y + 2)$

$$= 4y + 8$$

Expand $y(y + 8)$

$$= y^2 + 8y$$