



Solve

$$5(x - 1) = 4(x + 2) + 2(x - 7)$$

$$5x - 5 = 4x + 8 + 2x - 14$$

$$5x - 5 = 6x - 6$$

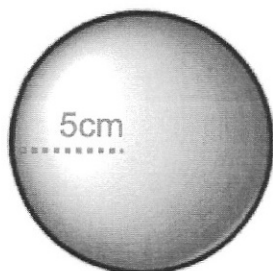
$$1 = x$$

$$x = 1$$

Simplify

$$\frac{s^3 \times s^4}{s^2}$$

$$\frac{s^7}{s^2} = s^5$$



$$V = \frac{4}{3} \pi r^3$$

Shown is a sphere with a radius of 5cm. Calculate the volume of the sphere. Give your answer to 1 decimal place.

$$= \frac{4}{3} \times \pi \times 5^3$$

$$= 523.6 \text{ cm}^3$$

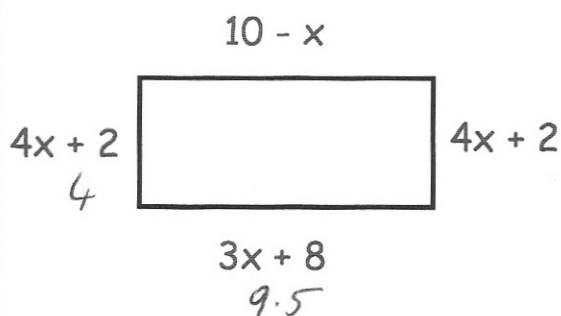
Here is a rectangle

All measurements are in centimetres.

$$10 - x = 3x + 8$$

$$2 = 4x$$

$$x = 0.5$$



Work out the value of x

$$x = 0.5$$

Find the area of the rectangle

$$4 \times 9.5$$

$$38 \text{ cm}^2$$