

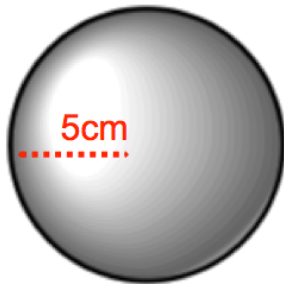


Solve

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

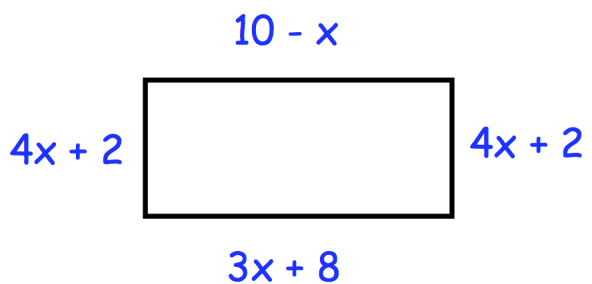
Simplify

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



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

Here is a rectangle  
All measurements are in centimetres.



Work out the value of x

Find the area of the rectangle