

Pentagon Problem 2

Make sure you are fluent with the 5 surrounding skills and then tackle the centre problem!

25,000 ÷ 5
65,250 ÷ 5
42,500 ÷ 5
21,750 ÷ 5

Complete without a calculator.

12cm
6cm
7cm
9cm

Work out the area of the shape.

15m
10m
10m
3m
1m

The pool is filled with water at a rate of 5 litres per second. Will the pool fill completely in 10 hours?
 $1\text{m}^3 = 1000$ litres.

Convert each of these times.

5 hours into minutes
400 minutes into seconds
10 hours into seconds
8 hours into minutes

89m³
125m³
240m³
150m³
25m³
 $1\text{m}^3 = 1000$ litres

Convert each of these using

10m
9m
2m
8m
6m

Work out the volume of this shape.
First work out the cross-sectional area.

