

Class Worked Example

Worked Examples



1. How many 2 l tins of paint does Paula need if she is painting three walls and each wall requires 1,5 l of paint?

$$\text{Number of litres of paint} = 1,5 \text{ l} \times 3 = 4,5 \text{ l}$$

∴ Paula needs 3 tins of paint.

(i.e. $2 \text{ l} \times 3 = 6 \text{ l}$ of paint but $2 \text{ l} \times 2 = 4 \text{ l}$ would not be enough!)

2. Mary runs a lift club and decides that each member should pay R180,00 each month. How many people does she need in the lift club if she needs R1 200 per month?

She needs $R1\ 200,00 \div R180,00$, which is 6,6666... people.

She would therefore have to have 7 people in the lift club to cover the costs.

(She will collect a little more than the R1 200,00 she needed.)

*If she rounded down to 6, she would only collect
 $6 \times R180 = R1\ 080$; which isn't enough!*



ROUNDING OFF

**Make sense
of your answer
IN CONTEXT!**