

# Solving word problems

This task is about solving multiplication word problems.

$$\begin{array}{c} 12 + 3 = ? \\ 19 - 8 = ? \\ 17 - ? = 27 \\ 12 + ? = 27 \\ ? + 27 = 33 \end{array}$$

Solve the following word problems below. An equation is given for the first two to help you.

a) A licorice strap is 40 cm long.

$$8 \times \boxed{?} = 40$$

How many 8 cm pieces could it be cut into?

b) All the helpers at the fair wore a 6 cm piece of red ribbon. 54 cm of ribbon was used.

$$6 \times \boxed{?} = 54$$

How many helpers were there?

c) Kerrin had 35 metres of string. He cut it into 5 equal lengths.

i) How long was each piece?  metres

ii) Write down an equation to describe how Kerrin cut his string. *The equation should use multiplication like the examples before.*

d) i) Complete the following word problem for this equation:

$$6 \times \boxed{?} = 24$$

Josiah has 24 marbles. He then ...

ii) What number is missing from the equation?