

Proportion

We expect pupils to:

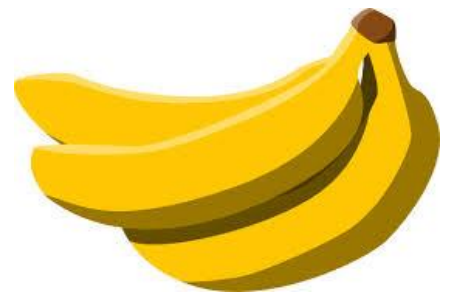
- Identify direct and inverse proportion
- Record appropriate 'headings' with the unknown on the right
- Use the unitary method (i.e. find the value of 'one' first then multiply by the required value)
- If rounding is required we do not round until the last stage.

WORKED EXAMPLES:

A. Direct Unitary Method

If 5 bananas cost 80p, then what will 3 bananas cost?

Bananas	cost (pence)
5	80
1	$80 \div 5 = 16$
3	$16 \times 3 = 48$



B. Inverse Unitary Method

The journey time at 60 km/h = 30 minutes so what is the journey time at 50km/h?

Speed (km/h)	Time (mins)
60	30
1	$30 \times 60 = 1800$ minutes
50	$1800 \div 50 = 36$ minutes

