

Answers from Thursday's work.

| Millilitres | Litres |
|--------------|-------------|
| 100ml | 0.1l |
| 200ml | 0.2l |
| 400ml | 0.4l |
| 600ml | 0.6l |
| 900ml | 0.9l |

| Litres | Millilitres |
|--------|---------------|
| 3.802l | 3802ml |
| 6.24l | 6240ml |
| 5.9l | 5900ml |
| 3.75l | 3750ml |
| 2.09l | 2090ml |
| 4.001l | 4001ml |

| Millilitres | Litres |
|-------------|---------------|
| 5692ml | 5.692l |
| 3460ml | 3.46l |
| 6150ml | 6.15l |
| 2800ml | 2.8l |
| 3060ml | 3.06l |
| 4006ml | 4.006l |

3 litres

650ml

900ml

1.45l

$$\begin{array}{r} 650 \\ 900 \\ + 1450 \\ \hline 3200 \end{array}$$

2500 millilitres

200ml

550ml

1.75l

$$\begin{array}{r} 200 \\ 550 \\ + 1750 \\ \hline 2500 \end{array}$$

The capacity of this smoothie glass is 560ml.

To show how much smoothie juice would be needed to fill six glasses, in litres, I divide 560 by 100 and then multiply by 6.

Do you agree with this statement? Explain why.



Accept an explanation that shows that the statement is incorrect because the amount should be divided by 1000 to convert to litres and then multiplied by 6. Alternatively, the amount could be multiplied by 6 and then divided by 1000.

Here are the volumes of four different smoothie ingredients.

| Pineapple juice | Coconut water | Apple juice | Orange juice |
|-----------------|---------------|-------------|--------------|
| 1030ml | 0.04 litres | 800ml | 1.25 litres |

Meeta finds the total volume of all four smoothie ingredients using this calculation:

$$\begin{array}{r} 1 \ 0 \ 3 \ 0 \\ 0 \ 0 \ 0 \ 4 \\ 0 \ 8 \ 0 \ 0 \\ + \ 0 \ 1 \ 2 \ 5 \\ \hline 1 \ 9 \ 5 \ 9 \ \text{ml} \end{array}$$

Is Meeta correct or incorrect? Explain your answer.

Accept an explanation that shows that Meeta is incorrect. 0.04 litres is equal to 40ml, not 4ml. 1.25 litres is equal to 1250ml, not 125ml. The correct total is 3120ml or 3.12 litres.

L.O: To be able to use converting
measures knowledge to solve
problems

Over the week you have looked at many conversion of measures including: Length, Mass and Capacity.

Today you will be using this knowledge to solve problems. They might be worded problems or just pure number.

Go back to previous lessons this week/work in your book if you have forgotten anything.

Match these measurements:

40cm

0.4cm

4000mm

0.4m

4mm

400cm

4m

40,000m

40km

4km

4000m

4m

A teacher makes a mixed fruit juice drink, pouring three 750ml cartons of juice into a large jug. What is the volume of the mixed juice drink in litres?



Bags of penny sweets cost £1 per 120g. How much will it cost Sam if he buys 0.660kg of sweets?



A tin contains 425g baked beans in sauce. The tin itself weighs 60g.

How much will a pack of 6 tins weigh in kilograms?



Max jumped **2.25 metres** on his **second try** at the long jump.

This was **75 centimetres** longer than on his **first try**.

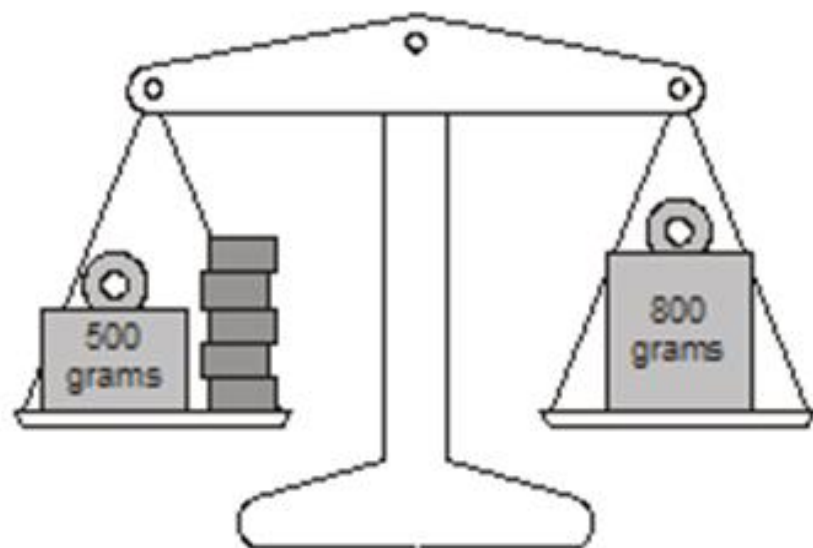
How far in **metres** did he jump on his **first try**?



Lin has five blocks which are all the same.

She balances them on the scale with two weights.

Calculate the weight of **one** block.

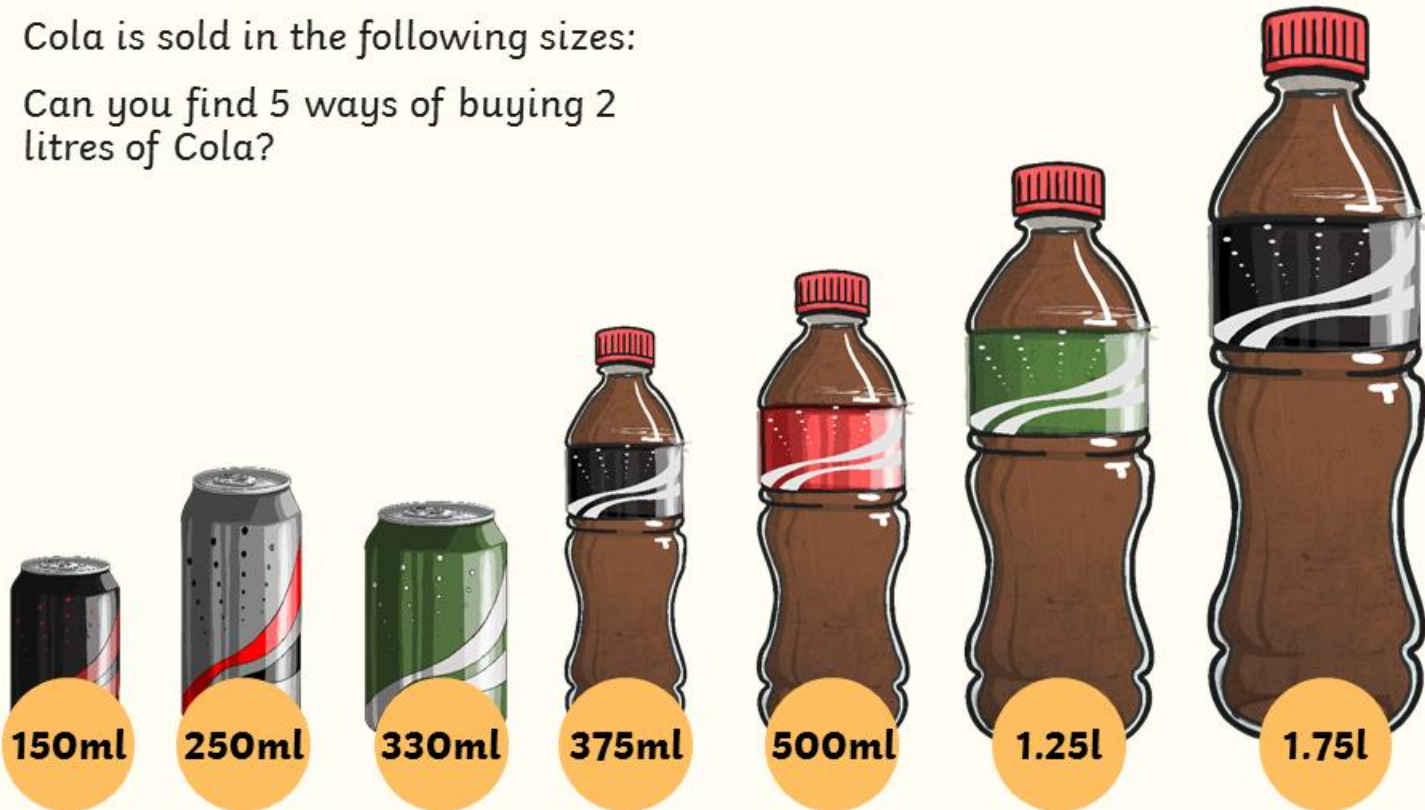


ONLY DO THIS QUESTION IF YOU HAVE ANY TIME LEFT IN YOUR
HOUR OF MATHS 😊

Capacity

Cola is sold in the following sizes:

Can you find 5 ways of buying 2
litres of Cola?



Answers will be on Monday!

ENJOY THE WEEKEND !