

Year 5 Convert Metric and Imperial Measures Answers

Capacity

I can use approximate equivalences between metric and imperial units.

1 litre \approx 1.75 pints or 0.57 litres \approx 1 pint

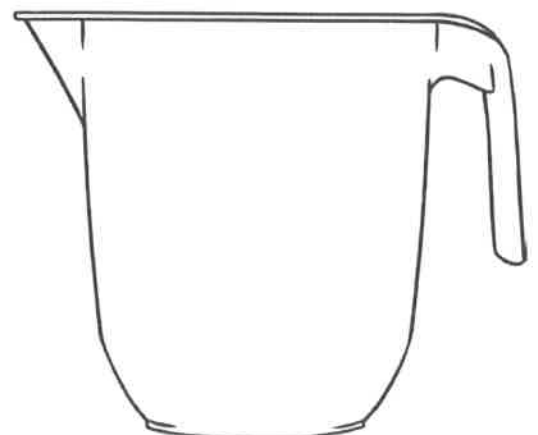
Complete this table:

litres	pints
2	3.5
5	8.75
1.14	2
1.71	3
10	17.5

1 litre \approx 0.22 gallons or 4.5 litres \approx 1 gallon

Complete this table:

litres	gallons
2	0.44
3	0.66
9	2
22.5	5
10	2.2



25ml \approx 1 fl. Oz

Complete this table:

millilitres	fluid ounces
100	4
150	6
250	10
375	15
500	20

Order these capacities from the smallest to the largest.



1 pint	25 fl oz.	0.2 gallons	1 litre
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Distance and Length

I can use approximate equivalences between metric and imperial units.

2.5 centimetre \approx 1 inch, 12 inches = 1 foot

Complete this table.

centimetre (cm)	inches (")	feet (')
5	2	$\frac{1}{6}$
7.5	3	$\frac{1}{4}$
10	4	$\frac{1}{3}$
30	12	1
90	36	3

Convert these heights between metres and feet and inches.

metres (m)	inches (")	feet and inches (' ")
1.1	44	3' 8"
1.25	50	4' 2"
1	40	3' 4"
1.35	54	4' 6"
1.85	74	6' 2"

Measure the height of several people and record them in metric and imperial.

Person	Metric	Imperial

Weight and Mass

I can use approximate equivalences between metric and imperial units.

0.45 kilogram \approx 1 lb (pound), 1 kilogram = 2.2 lb (pounds)

Complete this table.

kilograms (kg)	pounds (lb)
0.9	2
2	4.4
1.35	3
3	6.6
10	22

28g \approx 1oz (ounce)

Tick the conversions that are reasonable.

grams (g)	ounces (oz)	Reasonable
10g	1/2oz	
50g	2oz	✓
110g	4oz	✓
180g	8oz	
300g	11oz	✓

Here are some tins of food. Order from lightest to heaviest.



12oz	400g	1lb	0.5kg
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