

Arithmetic

1. $8,412 - 368$

2. 184×4

3. $\frac{3}{4} - \frac{1}{16}$

4. $\frac{3}{7} + \frac{1}{7}$

Practice: Converting Between Units of Metric Measures

5. Recap: What does 'kilo' mean in kilograms and kilometres?



6. Complete the sentences. There are ? grams in a kilogram and ? metres in a kilometre. To convert from g to kg or m to km, you have to ?. To convert from kg to g or km to m, you have to ?.

7. Convert to kg or g.

- a. 1,400g b. 2.86kg c. 826g d. 0.037kg

8. Convert to km or m.

- a. 200m b. 0.3km c. 3,498m d. 2.05km

9. What does 'milli' mean in millimetres, milligrams and millilitres?



10. Complete the sentences. There are ? milligrams in a gram and ? millilitres in a litre. To convert from mg to g or ml to l, you have to ?. To convert from g to mg or l to ml, you have to ?.

11. Convert to mg or g.

- a. 39mg b. 25g c. 4,070mg d. 4.2g

12. Convert to ml or l.

- a. 28,470ml b. 50.1l c. 702ml d. 2.69l

13. $50,000\text{ml} = 5\text{l}$ 

Is this correct? Explain.

Challenge

14. How many ways can you make the answer 2.5 using:

- a. l + or - ml
-
- b. kg + or - g
-
- c. km + or - m
-
- d. g + or - mg

You might want
to talk to an adult

Spot the mistake

Answers

Q no.	Question	Answer
1	$8,412 - 368$	8,044
2	184×4	736
3	$\frac{3}{4} - \frac{1}{16}$	$\frac{11}{16}$
4	$\frac{3}{7} + \frac{1}{7}$	$\frac{4}{7}$
5	What does 'kilo' mean in kilograms and kilometres?	Kilo means a thousand. One kilogram is one thousand grams. One kilometre is one thousand metres.
6	Complete the sentences.	1,000, 1,000, $\div 1,000$, $\times 1,000$
7	Convert to kg or g.	a. 1.4kg, b. 2,860g, c. 0.826kg, d. 37g
8	Convert to km or m.	a. 0.2km, b. 300m, c. 3.498km, d. 2,050m
9	What does 'milli' mean in millimetres, milligrams and millilitres?	Milli means one out of a thousand. A millimetre is one thousandth of a metre. A milligram is one thousandth of a gram and a millilitre is one thousandth of a litre.
10	Complete the sentences.	1,000, 1,000, $\div 1,000$, $\times 1,000$
11	Convert to mg or g.	a. 0.039g, b. 25,000mg, c. 4.07g, d. 4,200mg
12	Convert to ml or l.	a. 28.47l, b. 50l100ml, c. 0.702l, d. 2,690ml
13	50,000ml = 5l. Is this correct? Explain.	This is incorrect. 50,000ml would equal 50l. Alternatively, 5l would equal 5,000ml.
14	How many ways can you make the answer 2.5 using: a. l + or - ml b. kg + or - g c. km + or - m d. g + or - mg	Answers will vary depending on the question pupils write. Accept answers where the answer will be 2.5 in the given unit of measure. Example answers: 2,000ml + 0.5l 1kg + 1,500g 7,571m - 5.071km