

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.

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. 50l/100ml, 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