

Dividing Integers

- 1) Work out
- a) $325 \div 5$ **65** d) $377 \div 29$ **13** g) $75 \div 4$ **18.75**
- b) $448 \div 8$ **56** e) $27 \div 6$ **4.5** h) $135 \div 20$ **6.75**
- c) $221 \div 13$ **17** f) $123 \div 15$ **8.2** i) $381 \div 12$ **31.75**
- 2) A box can hold 19 books.
Work out how many boxes will be needed to hold 646 books. **34**
- 3) The distance from Glasgow to Paris is 1290 km.
A flight from Glasgow to Paris lasts 3 hours.
Given that

$Average\ speed = \frac{Distance}{Time}$
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Work out the average speed of the aeroplane in km/h. **430 km/h**
- 4) Pencils cost 25p each.
Mr Smith spends £15 on pencils.
Work out the number of pencils he gets. **60**
- 5) Yesterday, Gino was paid £19.61 for delivering pizzas.
He is paid 53p for each pizza he delivers.
Work out how many pizzas Gino delivered yesterday. **37**
- 6) Emma sold 38 teddy bears for a total of £513
She sold each teddy bear for the same price.
Work out the price at which Emma sold each teddy bear. **£13.50**
- 7)

Canal boat for hire £1855.00 for 14 days
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Work out the cost per day of hiring the canal boat. **£132.50**
- 8) A teacher has £539 to spend on books.
Each book costs £26
How many books can the teacher buy? **20**
- 9) John delivers large wooden crates with his van.
The weight of each crate is 68 kg.
The greatest weight the van can hold is 980 kg.
Work out the greatest number of crates that the van can hold. **14**