

Number questions

Try these questions on the 'four functions' with whole numbers.

- Write down three hundred and twenty two as a number
- Write down four thousand and sixteen as a number (hint: draw some columns)
- Write down six hundred and twenty three thousand as a number
- What is the largest number you can make from the digits 9 5 5 8 2 0 1 ?
- What is the difference between 14 267 and 18 152?
- Work out $37\,750 - 29\,973$
- The population of Ireland is estimated as being 4,156,119 as of July 2008 in the World Fact Book (<https://www.cia.gov/library/publications/the-world-factbook/>). Round this to the nearest one thousand.
- The population of Finland was estimated to be 5,244,749 in June 2008, and the population of Latvia was estimated to be 2,245,423 in the same month. How many more people are there in Finland compared to Latvia?
- Fran earns £9 per hour, and usually works a 24 hour week. Calculate her (gross) pay for one week.
- Calculate 41×100
- What is $872 \times 1\,000$?
- Work out $200 \times 1\,000$
- What is 43×150 ?
- Algernon is laying paving slabs in his yard. The yard can fit 14 rows of 12 slabs. How many slabs will Algernon need?
- Calculate $1\,230\,750 \times 2\,307$
- Juliet needs to send 75 letters to customers. She wants to send these letters first class. A first class stamp costs 36p. How much will it cost Juliet to send her letters?
- A page in a book has about 11 words per line and roughly 35 lines of print. The book is 250 pages long. How many pages are in the book?
Hint: find the number of words on a page first, then multiply by the number of pages
- A clinic has 20 boxes each containing 36 sterile dressings. How many dressings are available?
- The dressings in question 18 are being used up at the rate of 15 per day on average. How many days supply does the clinic have?
- Divide 960 by 3
- Divide 850 by 15 and quote the remainder
- Work out $4096 \div 32$
- What is the remainder when you divide 1600 by 17 ?
- Divide 186 000 by 250
Hint: 'cross off' a zero on both numbers first! Ask about this one
- Edna needs to paint that hall. The hall has an area of 39 square metres, but Edna thinks it needs two coats of paint. Each tin of paint will cover 12 square metres. How many tins of paint will Edna need to buy?
- Find all the factors of 84
- Find all the factors of 72
- Make a list of all the numbers that are factors of both 84 and 72. What is the highest of these numbers?

Numerical Answers

- 322
- 4 016
- 623 000
- 9 855 210
- 3 885
- 7 777
- 4 156 000
- 2 999 326
- £216
- 4 100
- 872 000
- 200 000
- 6 450
- 168
- 2 839 340 250
- £27
- 96 250
- 720
- 48 days
- 320
- 56 r10
- 128
- 2
- 744
- 7 tins (you have to round up the number of tins)
- 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84
- 1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72
- 12