

Arithmetic questions

challenge 1	challenge 2
1) $4 \times 5 \times 10$	1) $12 \times 13 \times 100$
2) $567 + 498$	2) $6754 + 2164$
3) 3×99	3) 9×998
4) $10 - 2.66$	4) $10 - 7.707$
5) Find 10% of 882	5) Find 17% of 520
6) Find 50% of 600	6) Find 99% of 440
7) 45 divided by 5	7) 330 divided by 6
8) $1000 - 6 \times 4$	8) $10000 - 5 \times 41$
9) $\text{£}1.29 \times 4$	9) $\text{£}34.76 \times 7$
10) 11 squared	10) 100 cubed

Choose challenge 1 **or** challenge 2

Remember to use the strategies we use in class to solve these arithmetic questions. Please don't use a calculator.

Top tips

- To find 10% divide the original number by 10 (move ALL the digits one place to the right.)
- To find 1% divide the original number by 100 (move ALL the digits two places to the right.)
- To find 50% half the original number
- When subtracting a decimal number from a whole number put the biggest number at the top and line up your digits-remember to include all your place holders
- Squared means a number multiplied by itself so 5 squared means $5 \times 5 = 25$
- Cubed means a number \times number \times number so 3 cubed means $3 \times 3 \times 3 = 27$
- If you have more than one operation use Bodmas/Bidmas
Bracket first, then division or multiplication, finally addition or subtraction