

Arithmetic Answers

challenge 1	challenge 2
1) $4 \times 5 \times 10 = 200$	1) $12 \times 13 \times 100 = 15600$
2) $567 + 498 = 1065$	2) $6754 + 2164 = 8918$
3) $3 \times 99 = 297$	3) $9 \times 998 = 8982$
4) $10 - 2.66 = 7.34$	4) $10 - 7.707 = 2.293$
5) Find 10% of 882 = 88.2	5) Find 20% of 520 = 104
6) Find 50% of 600 = 300	6) Find 15% of 440 = 66
7) 45 divided by 5 = 9	7) 330 divided by 6 = 55
8) $1000 - 6 \times 4 = 976$	8) $10000 - 5 \times 41 = 9795$
9) $\text{£}1.29 \times 4 = \text{£}5.16$	9) $\text{£}34.76 \times 7 = \text{£}243.32$
10) 11 squared = 121	10) 100 cubed = 1,000,000

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