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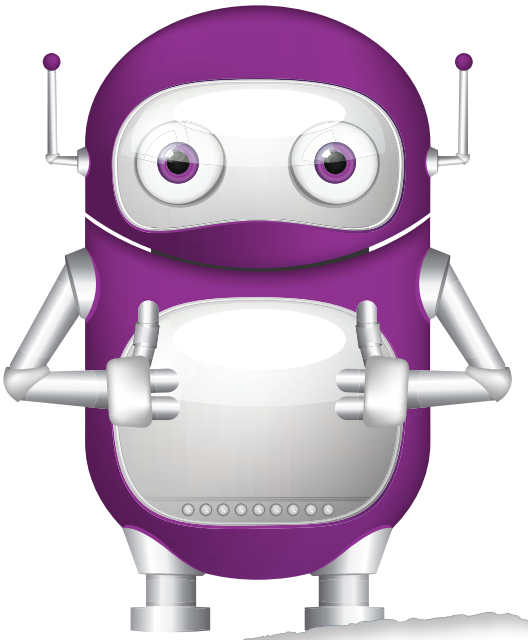
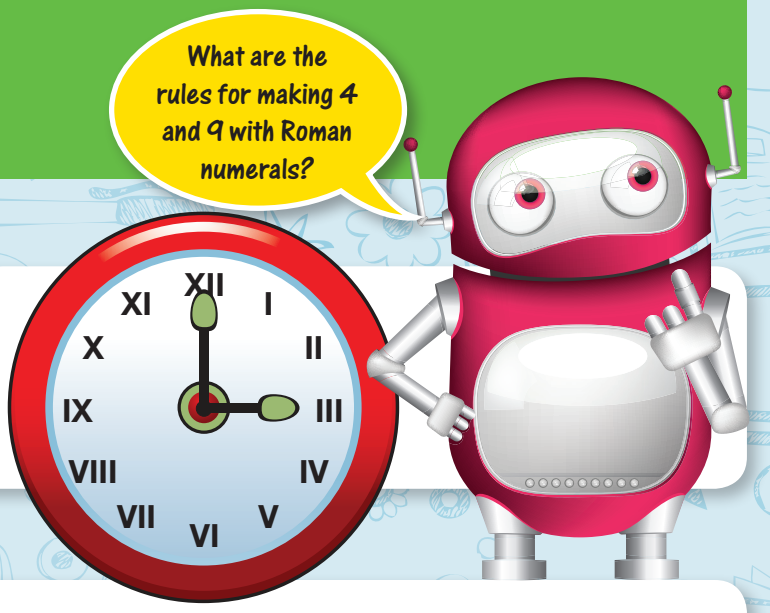


Roman numerals

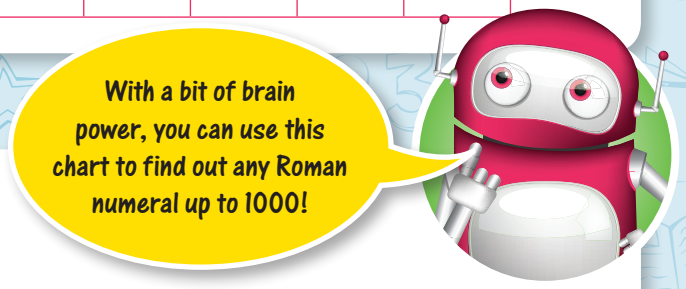


Recap

Look at the clock and check that you know the Roman numerals for numbers 1–12.

Revise

Number	1	2	3	4	5	6	7	8	9	10
Roman numeral	I	II	III	IV	V	VI	VII	VIII	IX	X
Number	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**
Roman numeral	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	IXX	XX
Number	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**	**500**	**1000**
Roman numeral	XXX	XL	L	LX	LXX	LXXX	XC	C	D	M



Check

1. Write these Roman numerals in numbers.

a. VIII _____ **b.** XXIII _____ **c.** CCC _____ **d.** XCV _____

e. CIV _____ **f.** CXL _____ **g.** DCX _____ **h.** CM _____

2. Write these numbers in their Roman numeral equivalent.

a. 22 _____ **b.** 1 _____ **c.** 55 _____ **d.** 93 _____

e. 112 _____ **f.** 160 _____ **g.** 212 _____ **h.** 965 _____

Problems

Brain-buster The Romans left Britain in the year AD410, 465 years after they first arrived. Use Roman numerals to write the date they left, and the number of years they spent in Britain.

Date: _____ Years in Britain: _____

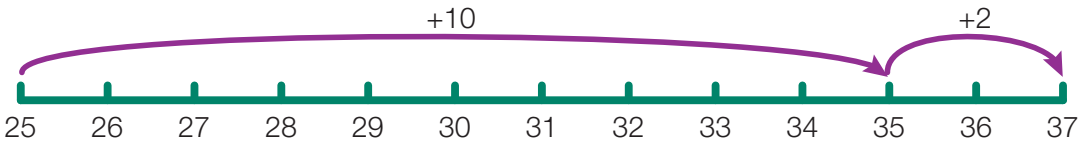
Mental methods for adding and subtracting

Recap

You will probably know several ways of doing mental calculations.

You must know your number bonds: 7 + 8 = 15 15 − 8 = 7 15 − 7 = 8

Partitioning numbers is important too: **25** + **12** = **37**



Revise

Mental methods can work just as well for larger numbers, but you need to be confident and know your limits!

45,356 + 12,103 ✓ **There is no carrying necessary; just add each column.**

123,729 + 943,509 ✗ **Too much carrying!**

34,302 − 8753 ✗ **Too much carrying!**

16,583 − 8000 ✓ **The 100s, 10s and 1s stay exactly the same!**

Check

1. **Add these numbers using mental methods.**

   a. 46 + 50 = _____ **b.** 127 + 99 = _____

   c. 3274 + 2002 = _____ **d.** 2500 + 7454 = _____

   e. 120,000 + 10,320 = _____

2. **Subtract these numbers using mental methods.**

   a. 80 − 46 = _____ **b.** 160 − 65 = _____

   c. 345 − 99 = _____ **d.** 4000 − 2500 = _____

   e. 275,675 − 10,000 = _____

Problems

Brain-teaser Jason has read 123 pages of his book. If he reads another 150 pages he will finish it. How many pages does the book have altogether?

_____

Brain-buster Armchairs cost £299 and sofas cost £499. How much would two armchairs and one sofa cost altogether?

_____