

Maths Mastery

Addition and Subtraction Mentally



Addition

Calculate the answers to these questions in your head:

$$278 + 200 = 478$$

$$426 + 330 = 756$$

$$809 + 640 = 1449$$

$$1297 + 800 = 2097$$

$$6008 + 3400 = 9408$$

$$17\,924 + 4100 = 22\,024$$

Write some of your own for a partner to try.

Hide
Answers

Subtraction

Calculate the answers to these questions in your head:

$$506 - 200 = 306$$

$$782 - 550 = 232$$

$$1314 - 710 = 604$$

$$2417 - 900 = 1517$$

$$8001 - 2800 = 5201$$

$$21\ 773 - 6700 = 15\ 073$$

Write some of your own for a partner to try.

Hide
Answers

Addition Close to Multiples of 10

Calculate the answers to these questions in your head:

$$348 + 199 = 547$$

$$512 + 398 = 910$$

$$723 + 604 = 1327$$

$$1226 + 897 = 2123$$

$$7283 + 3010 = 10\ 293$$

$$32\ 919 + 9996 = 42\ 915$$

Write some of your own for a partner to try.

Hide
Answers

Subtraction Close to Multiples of 10

Calculate the answers to these questions in your head:

$$438 - 299 = 139$$

$$312 - 198 = 114$$

$$947 - 304 = 643$$

$$1364 - 697 = 667$$

$$8772 - 1020 = 7752$$

$$24\,713 - 9002 = 15\,711$$

Write some of your own for a partner to try.

Hide
Answers

Odd One Out

Here are three calculations. Which calculation is incorrect?

$$356 + 190 = 546$$

$$276 + 190 = 366$$

$$709 + 190 = 899$$

$276 + 90 = 366$. Missed out adding 100.

Add 190: + 200 – 10 or + 100 + 90

Subtract 190: - 200 + 10 or - 100 - 90

Practise adding 190 to different numbers. Explain to a partner how you are adding 190.

How would you subtract 190?

Hide
Answers

Odd One Out

Here are three calculations. Which calculation is incorrect?

$$491 - 350 = 151$$

$$634 - 350 = 284$$

$$764 - 350 = 414$$

$491 - 340 = 151$, subtracted 40 not 50

Subtract 350: $- 300 - 50$

Practise subtracting 350 from different numbers.
Explain to a partner how you are subtracting 350.

Hide
Answers

Adding Mentally

Discuss with a partner how you would add these numbers to any other number:

+ 11

Some suggestions

+ 11, + 10 + 1

+ 101, + 100 + 1

+ 299, + 300 - 1

+ 440, + 400 + 40

+ 3700, + 4000 - 300

+ 299

Hide
Answers

Subtracting Mentally

Discuss with a partner how you would subtract these numbers from any other number:

Some suggestions

$$-28, -30 + 2$$

$$-197, -200 + 3$$

$$-405, -400 - 5$$

$$-960, -1000 + 40 \text{ or } -900 - 60$$

$$-1030, -1000 - 30$$

Hide
Answers

