

$$45,321 + 12,415 =$$

$$567,321 - 141,120 =$$

$$45,132 + 120,321 =$$

$$4,531 \times 3 =$$

$$980,000 \div 1000 =$$

$$45 \times 21 =$$

$$87,210 + 1,532 =$$

$$87,657 - 12,341 =$$

$$1,800 \div 5 =$$

$$4808 \div 4 =$$

$$453,561 - 100,00 =$$

$$5,601 \times 100 =$$

$$2,234 \times 4 =$$

$$213,564 + 125,731 =$$

$$2736 \div 6 =$$

$$34,561 \times 10 =$$

$$56,000 \div 10 =$$

$$33 \times 31 =$$

$$5,321 + 2,415 =$$

$$7,324 - 1,122 =$$

$$132 + 321 =$$

$$31 \times 3 =$$

$$9800 \div 10 =$$

$$43 \times 2 =$$

$$210 + 1,532 =$$

$$7,657 - 1,000 =$$

$$341 \times 2 =$$

$$480 \div 10 =$$

$$3,561 - 100 =$$

$$601 \times 10 =$$

$$232 \times 4 =$$

$$564 + 731 =$$

$$5,671 - 1000 =$$

$$561 \times 10 =$$

$$6,000 \div 10 =$$

$$33 \times 3 =$$

Challenge 1

If I add 2 4-digit numbers, the total will always be greater than when I subtract 2 4-digit numbers.

True or false?

Prove your answer.

Challenge 2

If I multiply two 2-digit numbers, the product will be a multiple of 3.

Is this always, sometimes or never true?

Prove your answer using examples.

CHALLENGE

I multiply two 2-digit numbers together and divide the product by 3. My answer is 147.

What numbers did I multiply together?

Clue

Both numbers are the same.