

How did you do with the Maths?

Here are the solutions, but note that very occasionally there is more than one way to get the given answer.

Three numbers

Using 9, 3 and 4, can you make 23?

$$9 \times 3 = 27 \quad 27 - 4 = 23$$

Using 8, 4 and 8, can you make 16?

$$8 \times 8 = 64 \quad 64 \div 4 = 16$$

Using 2, 9 and 5, can you make 90?

$$2 \times 9 = 18 \quad 18 \times 5 = 90$$

Using 6, 7 and 3, can you make 21?

$$6 - 3 = 3 \quad 3 \times 7 = 21$$

Using 4, 9 and 3, can you make 12?

$$4 \times 9 = 36 \quad 36 \div 3 = 12$$

Using 8, 9 and 2, can you make 144?

$$8 \times 9 = 72 \quad 72 \times 2 = 144$$

Using 7, 3 and 9, can you make 60?

$$7 \times 9 = 63 \quad 63 - 3 = 60$$

Using 6, 3 and 8 can you make 16?

$$6 \times 8 = 48 \quad 48 \div 3 = 16$$

Using 5, 4 and 7 can you make 140?

$$5 \times 7 = 35 \quad 35 \times 4 = 140$$

Using 8, 1 and 4 can you make 1?

$$8 \div 4 = 2 \quad 2 - 1 = 1$$

Challenge! Four numbers

Using 5, 7, 2 and 8 can you make 66?

$$5 \times 8 = 40 \quad 40 - 7 = 33 \quad 33 \times 2 = 66$$

Using 9, 1, 9 and 5 can you make 400?

$$9 \times 9 = 81 \quad 81 - 1 = 80 \quad 80 \times 5 = 400$$

Using 2, 6, 4 and 7 can you make 84?

$$6 \times 7 = 42 \quad 42 \div 2 = 21 \quad 21 \times 4 = 84$$

Using 5, 4, 8 and 7 can you make 17?

$$5 \times 8 = 40 \quad 40 \div 4 = 10 \quad 10 + 7 = 17$$

Using 2, 4, 3 and 6 can you make 32?

$$2 \times 3 = 6 \quad 6 \times 6 = 36 \quad 36 - 4 = 32$$

Using 9, 8, 7 and 4 can you make 220?

$$9 \times 7 = 63 \quad 63 - 8 = 55 \quad 55 \times 4 = 220$$

Using 4, 5, 6 and 4 can you make 50?

$$4 \times 4 = 16 \quad 16 - 6 = 10 \quad 10 \times 5 = 50$$

Using 7, 3, 4 and 2 can you make 10?

$$7 \times 4 = 28 \quad 28 + 2 = 30 \quad 30 \div 3 = 10$$

Using 6, 8, 5 and 2 can you make 250?

$$6 \times 8 = 48 \quad 48 + 2 = 50 \quad 50 \times 5 = 250$$

Using 3, 7, 9 and 8 can you make 5?

$$3 \times 9 = 27 \quad 27 + 8 = 35 \quad 35 \div 7 = 5$$