

CALCULATIONS - MULTIPLICATION

1 Challenge one

Time yourself answering these questions.
Can you get faster each time? Can you beat someone in your family?

Set one

$10 \times 5 =$

$7 \times 6 =$

$9 \times 3 =$

$10 \times 4 =$

$12 \times 3 =$

$11 \times 2 =$

$6 \times 6 =$

Time

$9 \times 9 =$

$7 \times 7 =$

$3 \times 12 =$

Set two

$3 \times 5 =$

$3 \times 4 =$

$9 \times 6 =$

$8 \times 8 =$

$11 \times 4 =$

$4 \times 7 =$

$7 \times 11 =$

Time

$10 \times 7 =$

$4 \times 9 =$

$12 \times 5 =$

Set three

$7 \times 7 =$

$9 \times 10 =$

$7 \times 9 =$

$4 \times 12 =$

$2 \times 8 =$

$6 \times 8 =$

$5 \times 5 =$

Time

$11 \times 9 =$

$7 \times 2 =$

$8 \times 3 =$

2 Challenge two

Multiply these numbers. Try using the grid and column multiplication methods.
Do you need help? Watch Bobby Seagull's (7-11 year olds) calculations video to see these methods in action.

$32 \times 5 =$

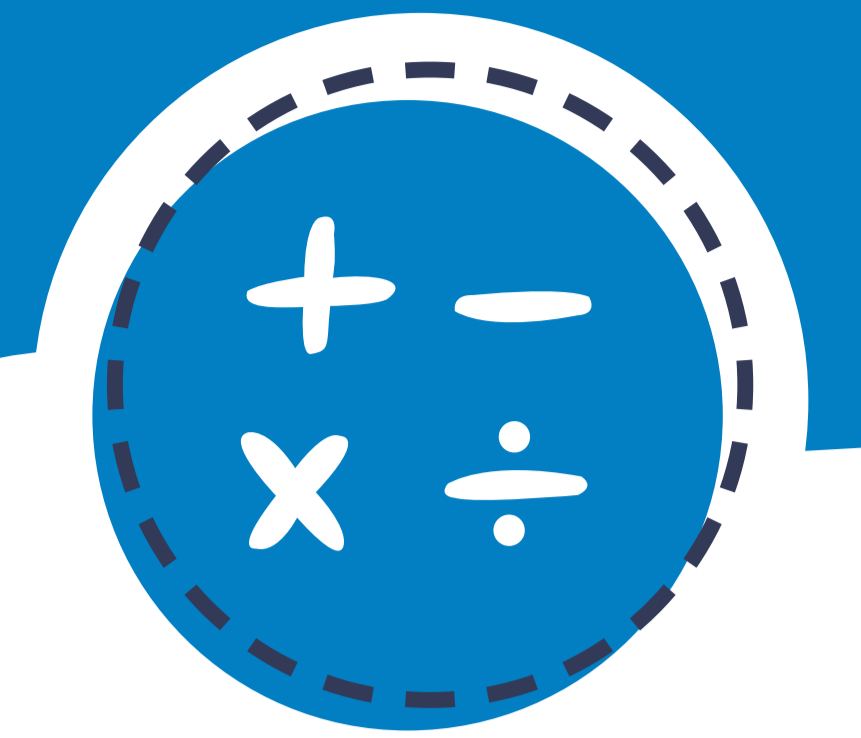
$72 \times 9 =$

$345 \times 23 =$

$22 \times 6 =$

$45 \times 8 =$

$678 \times 56 =$



$765 \times 43 =$

$546 \times 36 =$

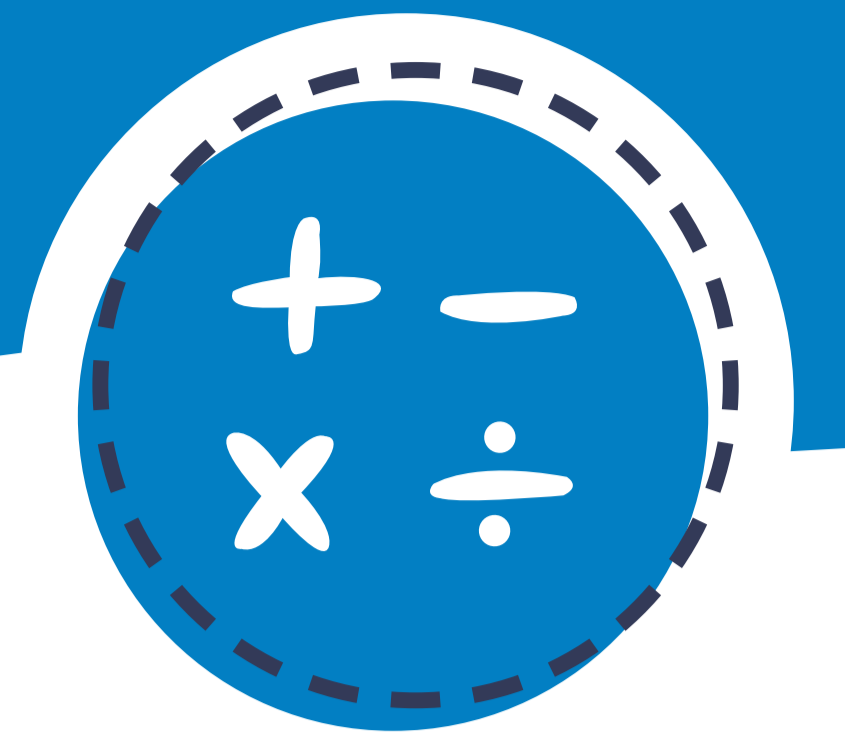
$4756 \times 34 =$

$8236 \times 68 =$

$2745 \times 28 =$

$1835 \times 21 =$

Show your working out



3

Challenge three

Use your preferred multiplication method to complete these word problems.

1. A bakery sold 352 celebration cakes for £25 each. How much money did they make?

2. Lewis cycled 54 miles a day, every day for the month of May. How many miles did he cycle in total?

3. 12 vans have 768 boxes of biscuits in them each. How many are there in total?

4. There are 8,256 seats at York City football ground. If they sell a £14 ticket for every seat, how much money will they make?

5. 10 villages came out to clap for the NHS. If there were 9,786 people in each village, how many people were clapping in total?

6. A factory builds 1,328 cars every day, including the weekends. How many does it build in the month of June?

7. A school of 1,123 pupils set 12 pieces of work, for each pupil to complete in a month. If all the students complete the task, how many pieces of work are submitted?

8. If 2,786 Explore Learning tutors, tutored 11 children in a week. How many sessions will have occurred?