

## Multiplication and division facts

The full set of multiplication calculations that pupils need to be able to solve by automatic recall are shown in the table below. Pupils must also have automatic recall of the corresponding division facts.

$1 \times 1$	$1 \times 2$	$1 \times 3$	$1 \times 4$	$1 \times 5$	$1 \times 6$	$1 \times 7$	$1 \times 8$	$1 \times 9$	$1 \times 10$	$1 \times 11$	$1 \times 12$
$2 \times 1$	$2 \times 2$	$2 \times 3$	$2 \times 4$	$2 \times 5$	$2 \times 6$	$2 \times 7$	$2 \times 8$	$2 \times 9$	$2 \times 10$	$2 \times 11$	$2 \times 12$
$3 \times 1$	$3 \times 2$	$3 \times 3$	$3 \times 4$	$3 \times 5$	$3 \times 6$	$3 \times 7$	$3 \times 8$	$3 \times 9$	$3 \times 10$	$3 \times 11$	$3 \times 12$
$4 \times 1$	$4 \times 2$	$4 \times 3$	$4 \times 4$	$4 \times 5$	$4 \times 6$	$4 \times 7$	$4 \times 8$	$4 \times 9$	$4 \times 10$	$4 \times 11$	$4 \times 12$
$5 \times 1$	$5 \times 2$	$5 \times 3$	$5 \times 4$	$5 \times 5$	$5 \times 6$	$5 \times 7$	$5 \times 8$	$5 \times 9$	$5 \times 10$	$5 \times 11$	$5 \times 12$
$6 \times 1$	$6 \times 2$	$6 \times 3$	$6 \times 4$	$6 \times 5$	$6 \times 6$	$6 \times 7$	$6 \times 8$	$6 \times 9$	$6 \times 10$	$6 \times 11$	$6 \times 12$
$7 \times 1$	$7 \times 2$	$7 \times 3$	$7 \times 4$	$7 \times 5$	$7 \times 6$	$7 \times 7$	$7 \times 8$	$7 \times 9$	$7 \times 10$	$7 \times 11$	$7 \times 12$
$8 \times 1$	$8 \times 2$	$8 \times 3$	$8 \times 4$	$8 \times 5$	$8 \times 6$	$8 \times 7$	$8 \times 8$	$8 \times 9$	$8 \times 10$	$8 \times 11$	$8 \times 12$
$9 \times 1$	$9 \times 2$	$9 \times 3$	$9 \times 4$	$9 \times 5$	$9 \times 6$	$9 \times 7$	$9 \times 8$	$9 \times 9$	$9 \times 10$	$9 \times 11$	$9 \times 12$
$10 \times 1$	$10 \times 2$	$10 \times 3$	$10 \times 4$	$10 \times 5$	$10 \times 6$	$10 \times 7$	$10 \times 8$	$10 \times 9$	$10 \times 10$	$10 \times 11$	$10 \times 12$
$11 \times 1$	$11 \times 2$	$11 \times 3$	$11 \times 4$	$11 \times 5$	$11 \times 6$	$11 \times 7$	$11 \times 8$	$11 \times 9$	$11 \times 10$	$11 \times 11$	$11 \times 12$
$12 \times 1$	$12 \times 2$	$12 \times 3$	$12 \times 4$	$12 \times 5$	$12 \times 6$	$12 \times 7$	$12 \times 8$	$12 \times 9$	$12 \times 10$	$12 \times 11$	$12 \times 12$

Children should be fluent in these facts by the end of Year 4 and this is assessed in the multiplication tables check (2021). Children should continue with regular practise through Year 5 to secure and maintain fluency.

The 36 most important facts are highlighted in the table. Fluency in these facts should be prioritised because, when coupled with an understanding of commutativity and fluency in the formal written method for multiplication, they enable children to multiply any pair of numbers.