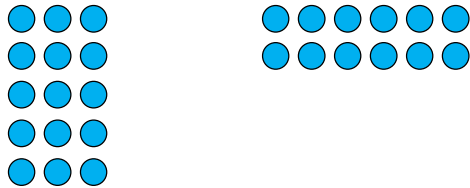
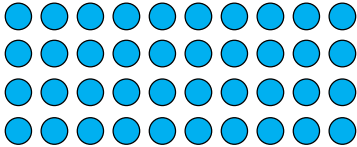
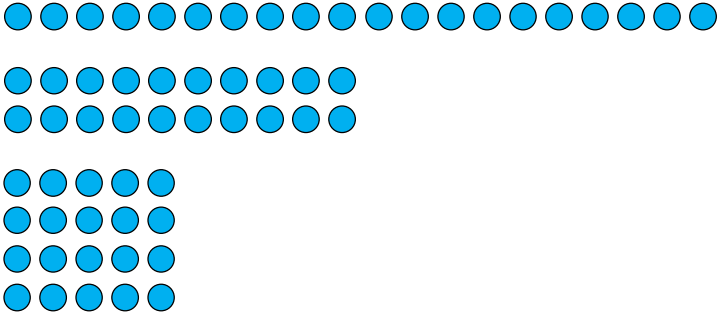


Question	Answer
1	There are 5 rows of 6 muffins. $6 + 6 + 6 + 6 + 6 = 30$ $5 \times 6 = 30$ There are 6 columns of 5 muffins. $5 + 5 + 5 + 5 + 5 + 5 = 30$ $6 \times 5 = 30$ The totals are the same, so $5 \times 6 = 6 \times 5$
2	$2 + 2 + 2 + 2 = 8$ $4 \times 2 = 8$ $4 + 4 = 8$ $2 \times 4 = 8$
3	 Children may have made their arrays with the rows and columns the other way round.
4	 There are 4 rows of 10 counters. $4 \times 10 = 40$ There are 10 columns of 4 counters. $10 \times 4 = 40$ Children may have made their array with the rows and columns the other way round.
5	 $1 \times 20 = 20$ $2 \times 10 = 20$ $4 \times 5 = 20$ Children may have made their arrays with the rows and columns the other way round.

Y3 – Autumn – Block 3 – Step 2 – Use arrays Answers (continued)

Question	Answer
6	5 + 5 + 5 + 5 + 5 + 5 + 5 + 5 ✓ 8 + 8 + 8 + 8 + 8 + 8 + 8 + 8 8 × 4 8 × 5 ✓ 5 × 9 5 × 8 ✓ 8 + 8 + 8 + 8 + 8 ✓ 8 × 8 × 8 × 8 × 8 35 40 ✓ 45
7	a) The rows do not all have the same number of counters. b) Tiny has only put counters round the outside. The rows all need to have the same number of counters.
8	2 rows of 9 counters 3 rows of 6 counters 2 × 9 = 18 3 × 6 = 18