Question	Answer
1	a) $2 \times 5 = 10$ $2 \times 5 = 10$ $2 \times 5 = 10$ b) $3 \times 2 \times 5 = 3 \times 10 = 30$
2	a) 40 b) 60 c) 80 Multiply two of the numbers together first and then multiply by the third number. Children may have looked for useful products e.g. in part a) and c) they could multiply 2 by 5 first and then multiply the third number by 10. In part b) they may have found it easier to multiply 5 by 4 first to give 20 and then multiply that by 3
3	a) 60 b) 48 c) 56 d) 60 e) 180 f) 120
4	<table><tr><td></td><td>True</td><td>False</td></tr><tr><td>7 × 8 = 7 × 4 × 2</td><td>✔</td><td>☐</td></tr><tr><td>12 × 4 = 2 × 4 × 6</td><td>✔</td><td>☐</td></tr><tr><td>3 × 2 × 8 = 5 × 8</td><td>☐</td><td>✔</td></tr><tr><td>2 × 7 × 4 = 4 × 7 × 2</td><td>✔</td><td>☐</td></tr></table>Children may discuss the order of the numbers in the calculation.
5	a) possible answers: $3 \times 5 \times 6 = 90$ $3 \times 6 \times 5 = 90$ $5 \times 3 \times 6 = 90$ $5 \times 6 \times 3 = 90$ $6 \times 3 \times 5 = 90$ $6 \times 5 \times 3 = 90$ b) There are six different multiplications. They all have the same answer.
6	a) 72 b) 102
7	a), b) possible answers: $1 \times 1 \times 30 = 30$ $1 \times 2 \times 15 = 30$ $1 \times 3 \times 10 = 30$ $1 \times 5 \times 6 = 30$ $2 \times 3 \times 5 = 30$ The numbers can be in any order.

Question	Answer
8	a) 2, 5, 6 3, 4, 5 b) There are two different ways. c) children's scores
9	240