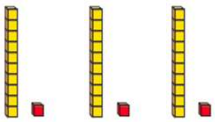
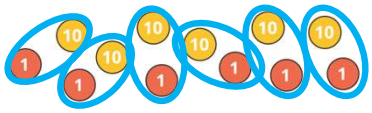
Y4 – Autumn – Block 4 – Step 9 – 11 times-table and division facts Answers

Question	Answer
1	 3 × 11 = **33**
2	a) 55 b) 99 c) 66 d) 110 e) 77 f) 44 g) 33 h) 132
3	a) This is often true 1 is added to the tens digit and 1 is added to the ones digit, so 2 is added to the sum of the digits. However 19 x 11 = 209 so there are exceptions. b) Up to 9 × 11, the two digits are the same.
4	a)  66 ÷ 11 = **6** b) 4
5	a) 88 8 8 8 8 8 8 8 8 8 8 8 88 ÷ 11 = **8** 11 × **8** = 88 b) **110** 10 10 10 10 10 10 10 10 10 10 10 11 × 10 = **110** **110** ÷ 11 = 10 c) 77 7 7 7 7 7 7 7 7 7 7 7 7 × 11 = 77 77 ÷ 11 = 7
6	44 km Children may work out how far each person ran and then find the difference 77 − 33 = 44 or children may have seen the difference was 4 days and multiplied this by 11
7	a) 55 b) **7** more teams are needed.

Y4 – Autumn – Block 4 – Step 9 – 11 times-table and division facts Answers (continued)

Question	Answer
7	The sum is always a multiple of 11 As the digits are reversed, the number of tens in the sum is the same as the number of ones, so the sum is a multiple of 11