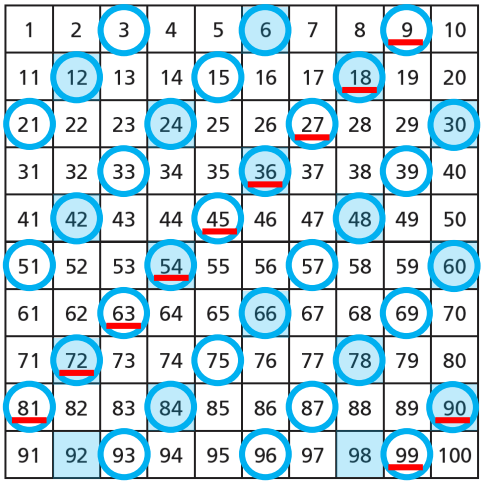
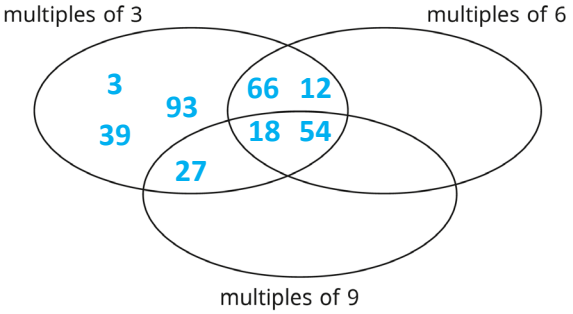
Y4 – Autumn – Block 4 – Step 6 – 3, 6 and 9 times-tables Answers

Question	Answer
1	a) 3 6 **9** 12 **15** 18 **21** 6 **12** 18 24 30 **36** **42** The 6 times-table is **double** the 3 times-table. b) **3** 6 9 **12** **15** **18** 21 9 18 **27** 36 **45** **54** **63** The 9 times-table is **3 times** the 3 times-table.
2	a) 27 b) 21 c) 42 d) 4 e) 6 f) 8 g) 8 h) 8
3	a), b), c)  The multiples of 6 are all multiples of 3 The multiples of 9 are all multiples of 3
4	a) Always true 9 is a multiple of 3, so any multiple of 9 is also a multiple of 3 b) Sometimes true Even multiples of 3 are also multiples of 6, but odd multiples of 3 are not. c) Sometimes true For example, 18 is a multiple of 9, but 12 is not.

Y4 – Autumn – Block 4 – Step 6 – 3, 6 and 9 times-tables Answers (continued)

Question	Answer
5	
6	54 Possible methods include: Work out how many muffins in total for each size of box and add them together. Work out $3 + 6 + 9$ and multiply the total by 3
7	No $36 \div 6 = 6$ The answer to $36 \div 3$ needs to be halved.
8	a) 252 b) 378
9	$6 \div 6 < 6 + 6 < 6 \times 3$