<u>Y5 – Autumn – Block 3 – Step 2 – Common multiples Answers</u>

Question	Answer
1	1 2 3 4 5 6 7 8 9 10
	11 12 13 14 15 16 17 18 19 20
	21 22 23 24 25 26 27 28 29 30
	31 32 33 34 35 36 37 38 39 40
	41 42 43 44 45 46 47 48 49 50
	51 52 53 54 55 56 57 58 59 60
	61 62 63 64 65 66 67 68 69 70
	71 72 73 74 75 76 77 78 79 80
	81 82 83 84 85 86 87 88 89 90
	91 92 93 94 95 96 97 98 99 100
	30, 60, 90
2	a), b) 5,10 15,20 25,30 35,40 45,50 10 20 30 40 50 60 70 80 90 100
3	a) multiples of 2 multiples of 9 16 24 54 36 99 b) multiple possible answers, e.g. 10, 90, 27
4	 a) No 12 is a common multiple of 4 and 6 and is smaller than 24 b) multiple possible answers, e.g. 3 and 7 c) multiple possible answers, e.g. 4 and 10
5	a) 15, 30, 45 b) 14, 28, 42 c) 18, 36, 54 d) 20, 40, 60

<u>Y5 – Autumn – Block 3 – Step 2 – Common multiples Answers (continued)</u>

Question	Answer
6	 a) The difference is 12 The difference is the product of the two numbers. b) 48, 60, 72 The difference between the common multiples of two numbers is always constant, but it may not be the product of the two numbers. For example, for 4 and 6, the common multiples are 12, 24, 36, so the common difference is smaller than the product of the two numbers.
7	66 84 124 189 292 300 Children can check that they have circled the same numbers.
8	3