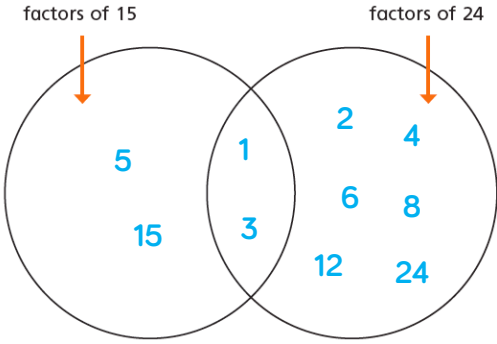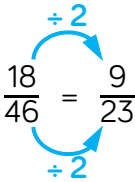# Y6 – Autumn – Block 2 – Step 9 – Common factors Answers

Question	Answer
1	a) 1, 2, 3, 6, 9, 18 b) 1, 2, 3, 4, 6, 8, 12, 24 c) 1, 2, 3, 6
2	
3	a) 1, 2, 4 b) 1 c) 1, 2, 5, 10 d) 1, 2, 4, 5, 10, 20
4	 b) 1, 5, 25
5	60, 90, 180
6	No. If she puts 5 sweets and 5 balloons in each bag, she will make 5 bogs, but she will have 10 sweets left over. She can make 5 bags, with 7 sweets and 5 balloons in each bag.
7	70
8	Identify a common factor and divide both the top and bottom by this factor, e.g. 18: 1, **2**, 3, 6, 9, 18 46: 1, **2**, 23, 46 $\dfrac{18}{46} = \dfrac{9}{23}$ (÷2)