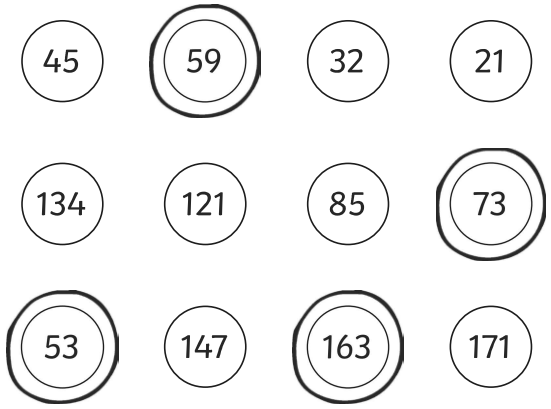
Factors, Multiples and Prime Numbers **Answers**

Question	Answer
1.	
	a) What is the highest common factor of 24 and 36? **12** b) What is the highest common factor of 21 and 54? **3** c) What is the highest common factor of 19 and 48? **1**
2.	Work out the lowest common multiple of each pair of linked numbers.
	2 and 6 **6** 2 and 10 **10** 6 and 10 **30** 10 and 12 **60** 6 and 12 **12** 2 and 12 **12** Which pairs of numbers have the same lowest common multiple? **6 and 12, 2 and 12**
3.	Oh no! The maths machine has broken! Can you help identify the prime numbers by circling the correct balls?