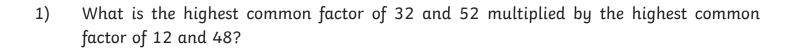
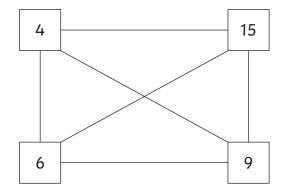


Factors, Multiples and Prime Numbers

I can identify common factors, common multiples and prime numbers.



2) Work out the lowest common multiple of each pair of linked numbers.



4 and 15	
4 and 9	
4 and 6	
15 and 9	
15 and 6	
9 and 6	

3) Write three pairs of prime numbers that, when added together, create square numbers.

_____ and ____ ____ and ____ ____ and ____





Factors, Multiples and Prime Numbers **Answers**

Question	Answer	
1.	What is the highest common factor of 32 and 52 multiplied by the highest common factor of 12 and 48?	
	4×12 = 48	
2.	Work out the lowest common multiple of each pair of linked numbers.	
	4 and 15 <u>60</u>	15 and 9 45
	4 and 9 <u>36</u>	15 and 6 <u>30</u>
	4 and 6 <u>12</u>	9 and 6 <u>18</u>
3.	3. Write three pairs of prime numbers that, when added together, create square numbers.	
Example answers: 2 and 7, 11 and 5, 13 and 3, 47 and 2, 23 and 2		