Wednesday – Maths
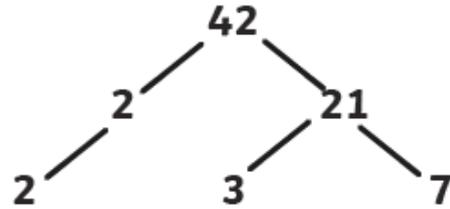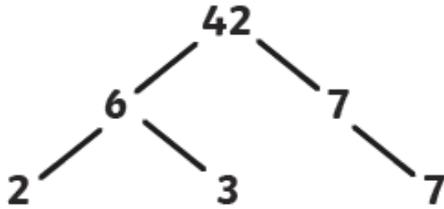# Factor Trees

Challenge

Factor trees are a great way of finding the factors of a number:

Here we can see that some of the factors of 42 are, 2,3,6,7,21.

a.   Can you find any more by starting another factor tree for **42**? Show your working out

Use factor trees to find the factors of the following numbers:

b. 18	c. 21	d. 49	e. 56

Multiples and Factors

Common Factors

Name one common factor of 35 and 60, explaining how you know.

Can you find the highest common factor of 35 and 60?

Multiples and Factors

Factor Pairs

Explain how you would find all the factor pairs of 36 to make sure you have found them all.