

## Home Learning - Session 4

### Year 6 - Reasoning (Multiplication - Multiples)

#### Focus Learning - Model Example

Write all the common multiples of  
3 and 5 that are less than 20  
(2 marks)

Step 1: 3, 6, 9, 12, 15, 18

Step 2: 5, 10, 15, 20

Answer: 15

**Note: Multiples are really just extended times tables. The multiples of 2 are all the numbers in the 2 times table, such as 2, 4, 6, 8, 10 and so on.**

#### Year 6 Expected

1. Write all the common multiples of  
3 and 8 that are less than 50  
(2 marks)
2. Write all the common multiples of  
4 and 7 that are less than 60  
(2 marks)
3. Write all the common multiples of  
5 and 9 that are less than 60  
(2 marks)

#### Year 6 Mastery

$n$  and  $p$  stand for two numbers.

$n$  is a multiple of 5

$p$  is a multiple of 6

$$\frac{n}{p} = \frac{2}{3}$$

Find numbers that  $n$  and  $p$  stand for.

(3 marks)