

Objective: To understand and use HCF



Met

Partially
Met

Not Met

Work on the
following sections:

Column 1

Column 2

Extension

Column 1	Column 2
Write down all of the factors of the following numbers: A) 15 B) 35 C) 20 D) 50	A carpenter is building a shelf. He needs all pieces of wood to be the same length and they do not want to waste any wood. One plank is 72cm long and another plank is 54cm long. What length should the carpenter make each plank?
Calculate the HCF of the following: a) 3 and 9 b) 27 and 36 c) 32 and 56 d) 21 and 63	Three classes need to go into assembly. The teacher wants each row to have the same amount of children in but not for any classes to mix. Class A has 36 children, Class B has 24 children and Class C has 30 children. How many children should be sat in each row?
Extension: Explain how you know you have found every factor of a number.	