# Discussion Problems Common Multiples

### National Curriculum Objectives:

Mathematics Year 5: (5C5a) Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers

#### About this resource:

This resource has been designed for pupils who understand the concepts within this step. It provides pupils with more opportunities to enhance their reasoning and problem solving skills through more challenging problems. Pupils can work in pairs or small groups to discuss with each other about how best to tackle the problem, as there is often more than one answer or more than one way to work through the problem.

There may be various answers for each problem. Where this is the case, we have provided one example answer to guide discussion.

We recommend self or peer marking using the answer page provided to promote discussion and self-correction.



# **Common Multiples**

Morgan, Alfie and Harry all work for a local charity that collects unwanted clothes. Today, they are delivering collection bags on Hope Street, which has houses numbered 1–100, and they have decided who is going to be delivering to which numbers.





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Common Multiples – Discussion Problem – Year 5

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