Varied Fluency Step 9: Common Factors

National Curriculum Objectives:

Mathematics Year 6: (6C5) <u>Identify common factors, common multiples and prime</u> <u>numbers</u>

Differentiation:

Developing Questions to support understanding common factors, using knowledge of the 2, 3, 4, 5 and 10 times tables.

Expected Questions to support understanding common factors, using knowledge of times tables up to 12.

Greater Depth Questions to support finding common factors beyond 12, as well as the lowest common factor, using knowledge of known times tables facts.

More <u>Year 6 Four Operations</u> resources.

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Varied Fluency – Common Factors – Teaching Information



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Varied Fluency – Common Factors – Year 6 Developing



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Varied Fluency – Common Factors – Year 6 Expected



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Varied Fluency – Common Factors – Year 6 Greater Depth

Varied Fluency Common Factors

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Developing



3a. 4, 8, 2 4a. Various (

4a. Various answers, for example: 2, 5 and 10

Expected



7a. 2, 6, 3, 10, 5 8a. Various answers, for example: 4, 6 and 12

Greater Depth



11a. 1, 6, 9, 2 12a. Various answers, for example: 1, 3, 5 15 and 25.

Developing



3b. <mark>3, 2, 6</mark>

4b. Various answers, for example: 2, 3 and4.

Expected



7b. <mark>7</mark>

8b. Various answers, for example: 4, 6 and 8

Greater Depth

~		350	420
	7	 Image: A set of the set of the	✓
	20		✓
	25	 ✓ 	
	50	 ✓ 	





11b. 3, 9, 6, 1 12a. Various answers, for example: 1, 2, 4, 13 and 52.



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Varied Fluency – Common Factors ANSWERS