Varied Fluency Step 1: Multiples

National Curriculum Objectives:

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

Differentiation:

Developing Questions to support using multiples of 2, 3, 5 and 10. Expected Questions to support using multiples of all numbers up to and including 12. Greater Depth Questions to support using multiples of all numbers up to, including and beyond 12.

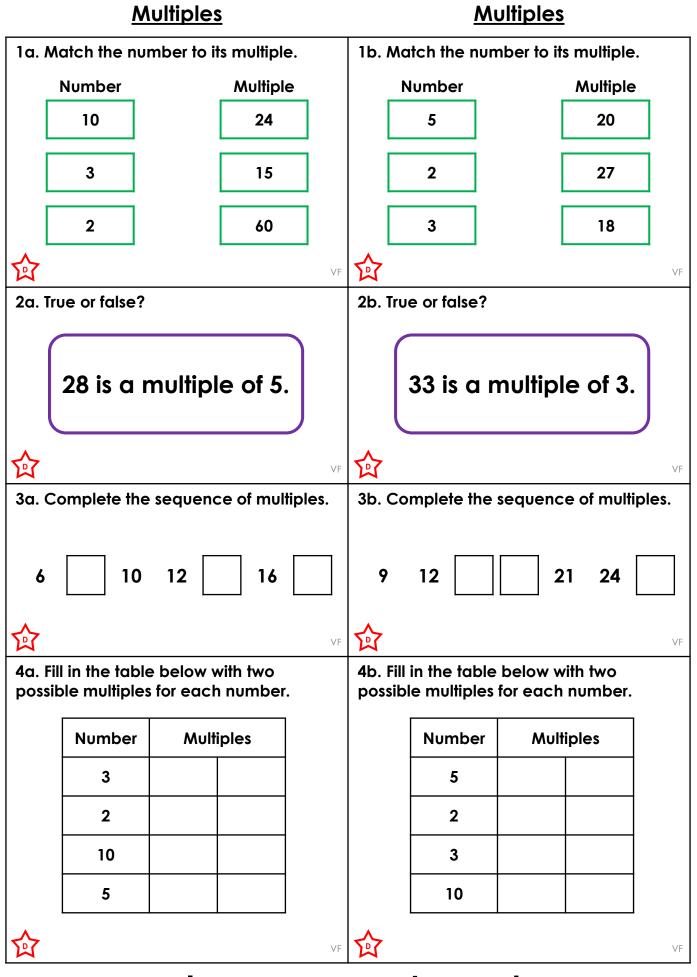
More Year 5 Multiplication and Division resources.

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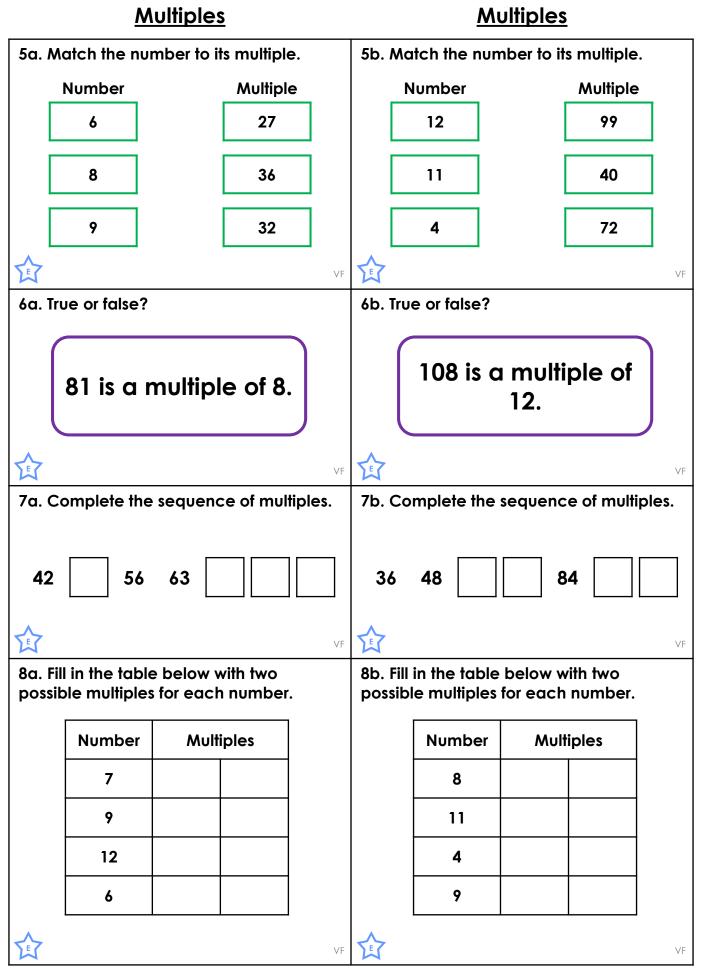
Varied Fluency – Multiples – Teaching Information



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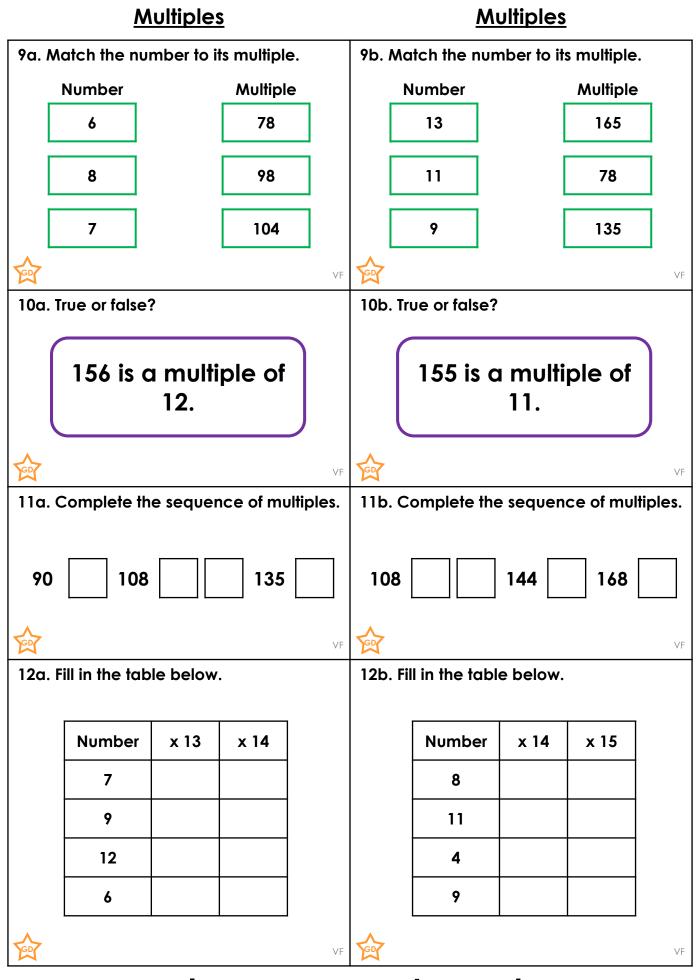
Varied Fluency – Multiples – Year 5 Developing



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Varied Fluency – Multiples – Year 5 Expected



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Varied Fluency – Multiples – Year 5 Greater Depth

Varied Fluency <u>Multiples</u>

Developing

1a. 10 and 60; 3 and 15; 2 and 24
2a. False
3a. 8; 14; 18
4a. Various answers, for example: 9 and 15 (3); 4 and 12 (2); 40 and 60 (10); 15 and 30 (5)

Expected

5a. 6 and 36; 8 and 32; 9 and 27 6a. False 7a. 49; 70; 77; 84 8a. Various answers, for example: 28 and 63 (7); 81 and 99 (9); 24 and 48 (12); 42 and 54 (6)

Greater Depth

9a. 6 and 78; 8 and 104; 7 and 98 10a. True 11a. 99; 117; 126; 144 12a. 91, 98 (7); 117, 126 (9); 156, 168 (12); 78, 84 (6)

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Developing 1b. 5 and 20; 2 and 18; 3 and 27 2b. True 3b. 15; 18; 27 4b. Various answers, for example: 45 and 50 (5); 12 and 22 (2); 18 and 21 (3); 20 and 70 (10)

Expected 5b. 12 and 72; 11 and 99; 4 and 40 6b. True 7b. 60; 72; 96; 108 8b. Various answers, for example: 16 and 32 (8); 77 and 110 (11); 32 and 40 (4); 27 and 72 (9)

<u>Greater Depth</u> 9b. 13 and 78; 11 and 165; 9 and 135 10b. False 11b. 120; 132; 156; 180 12b. 112, 120 (8); 154, 165 (11); 56, 60 (4); 126, 135 (9)



Varied Fluency – Multiples ANSWERS