Varied Fluency Step 11: Divide with Remainders

National Curriculum Objectives:

Mathematics Year 5: (5C7b) <u>Divide numbers up to 4 digits by a one-digit number using the</u> formal written method of short division and interpret remainders appropriately for the <u>context</u>

Differentiation:

Developing Questions to support dividing numbers with remainders using known facts from 2, 3 and 5 times tables. Up to one exchange.

Expected Questions to support dividing numbers with remainders using known facts from 4,6 and 8 times tables. Up to two exchanges.

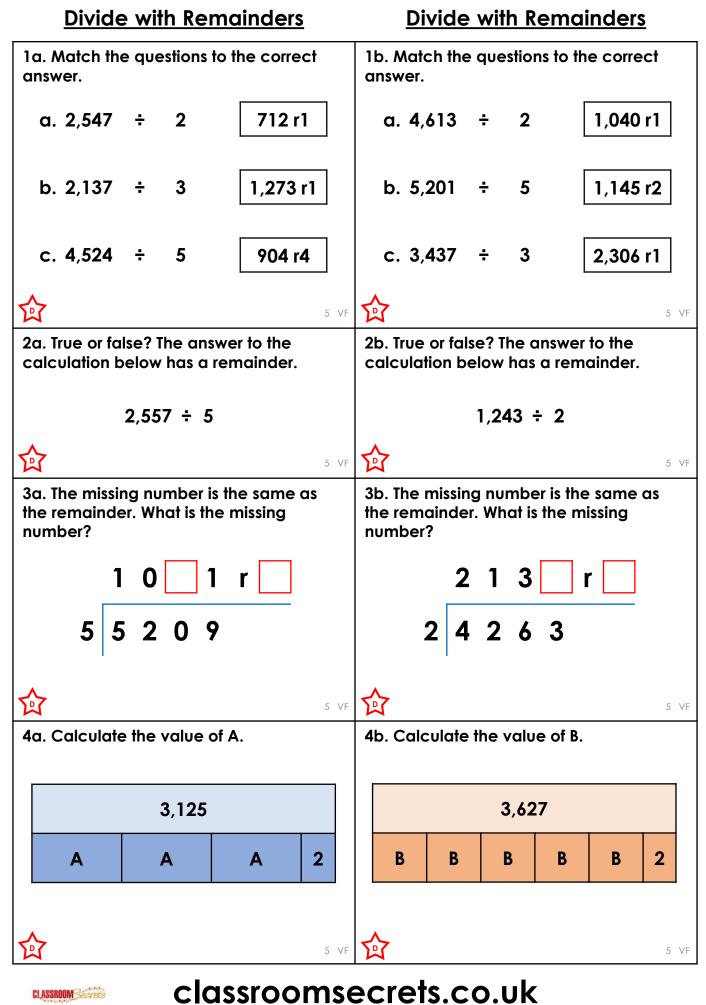
Greater Depth Questions to support dividing numbers with remainders using known facts from 7 and 9 times tables. Up to three exchanges.

More Year 5 and Year 6 Multiplication and Division resources.

Did you like this resource? Don't forget to <u>review</u> it on our website.

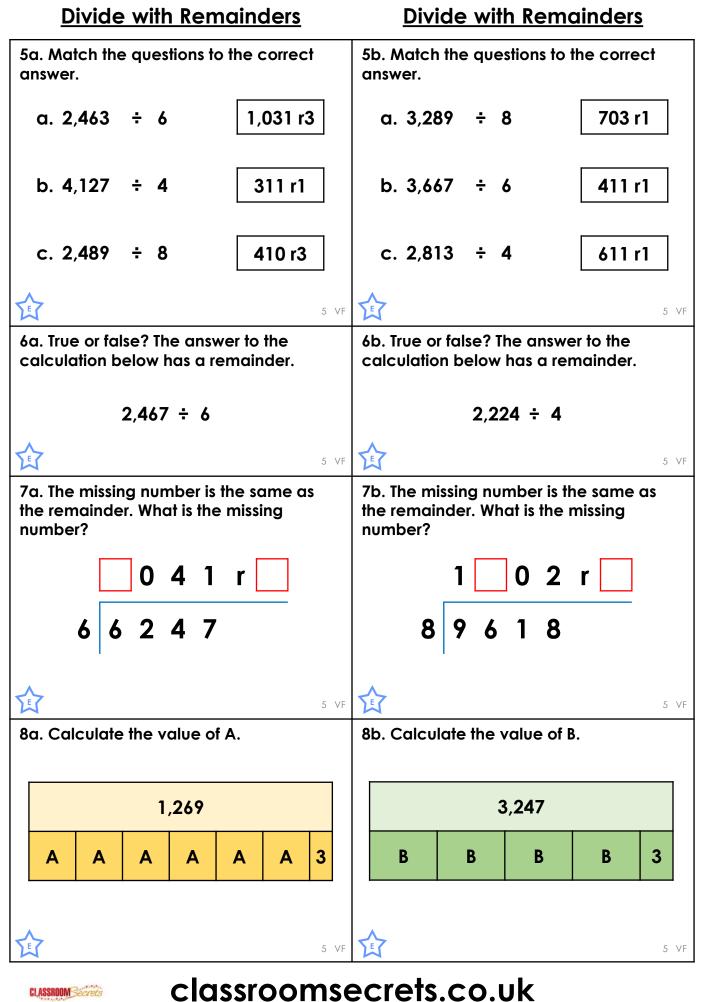


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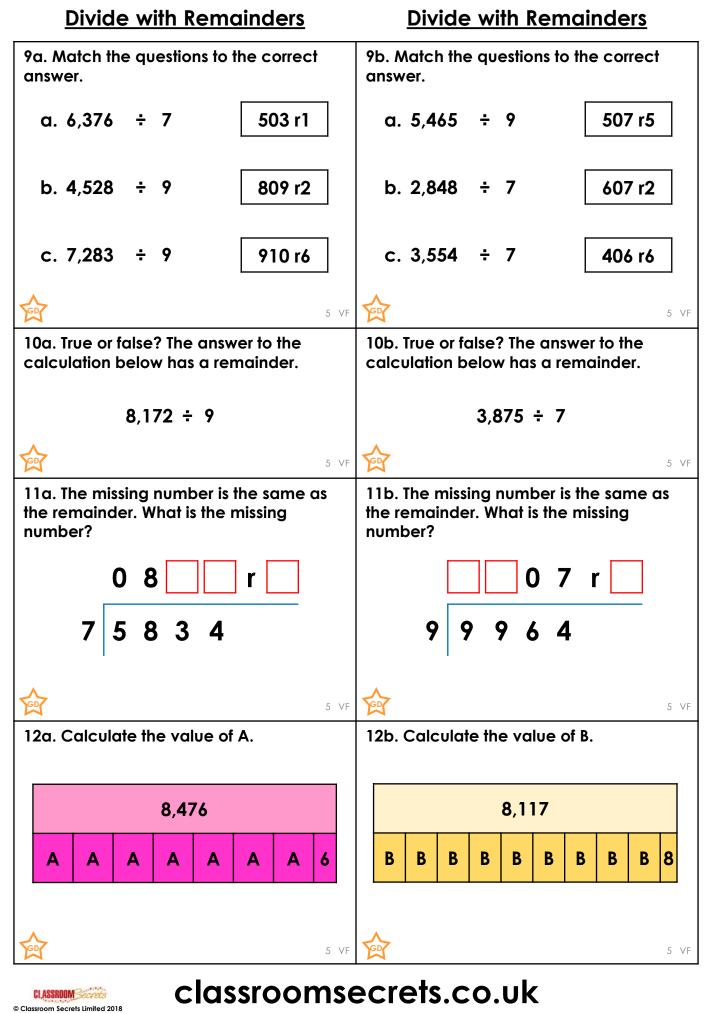
Varied Fluency – Divide with Remainders – Year 5 Developing

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Varied Fluency – Divide with Remainders – Year 5 Expected



Varied Fluency – Divide with Remainders – Year 5 Greater Depth

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Developing

1a. 2,547 ÷ 2 = 1,273 r1; 2,137 ÷ 3 = 712 r1 4,524 ÷ 5 = 904 r4 2a. True. The answer is 511 r2. 3a. 4 4a. A = 1,041

Expected

5a. 2,463 ÷ 6 = 410 r3; 4,127 ÷ 4 = 1,031 r3 2,489 ÷ 8 = 311 r1 6a. True. The answer is 411 r1. 7a. 1 8a. A = 211

Greater Depth

9a. 6,373 ÷ 7 = 910 r6; 4,528 ÷ 9 = 503 r1 7,283 ÷ 9 = 809 r2 10a. False. The answer is 908. 11a. 3 12a. 1,210

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Developing 1b. 4,613 ÷ 2 = 2,306 r1 5,201 ÷ 5 = 1,040 r1; 3,437 ÷ 5 = 1,145 r2 2b. True. The answer is 621 r1. 3b. 1 4b. B = 725

Expected

5b. 3,289 ÷ 8 = 411 r1; 3,667 ÷ 6 = 611 r1 2,813 ÷ 4 = 703 r1 6b. False. The answer is 556. 7b. 2 8b. B = 811

<u>Greater Depth</u> 9b. 5,465 ÷ 9 = 607 r2; 2,848 ÷ 7 = 406 r6 3,554 ÷ 7 = 507 r5 10b. True. The answer is 553 r4. 11b. 1 12b. 901





Varied Fluency – Divide with Remainders **ANSWERS**