Homework/Extension Step 5: Divide 1 Digit by 10

National Curriculum Objectives:

Mathematics Year 4: (4F9) Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Complete the calculations to divide 1-digit numbers by 10. Place value grids with counters provided as support.

Expected Complete the calculations to divide 1-digit numbers by 10. Place value grids provided as support.

Greater Depth Complete the calculations to divide 1-digit numbers by 10. No visual support.

Questions 2, 5 and 8 (Varied Fluency)

Developing Match the calculation to the correct answer where 1-digit numbers are divided by 10. Answers shown on place value grids with counters.

Expected Match the calculation to the correct answer where 1-digit numbers are divided by 10. Answers shown on place value grids.

Greater Depth Match the calculation to the correct answer where 1-digit numbers are divided by 10. Create a calculation for the unmatched answers. No visual support.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

Developing Identify numbers based on a set of parameters where 1-digit numbers are divided by 10. Place value grid given as support.

Expected Identify numbers based on a set of parameters where 1-digit numbers are divided by 10.

Greater Depth Identify numbers based on a set of parameters where 1-digit numbers are divided by 10. No visual support.

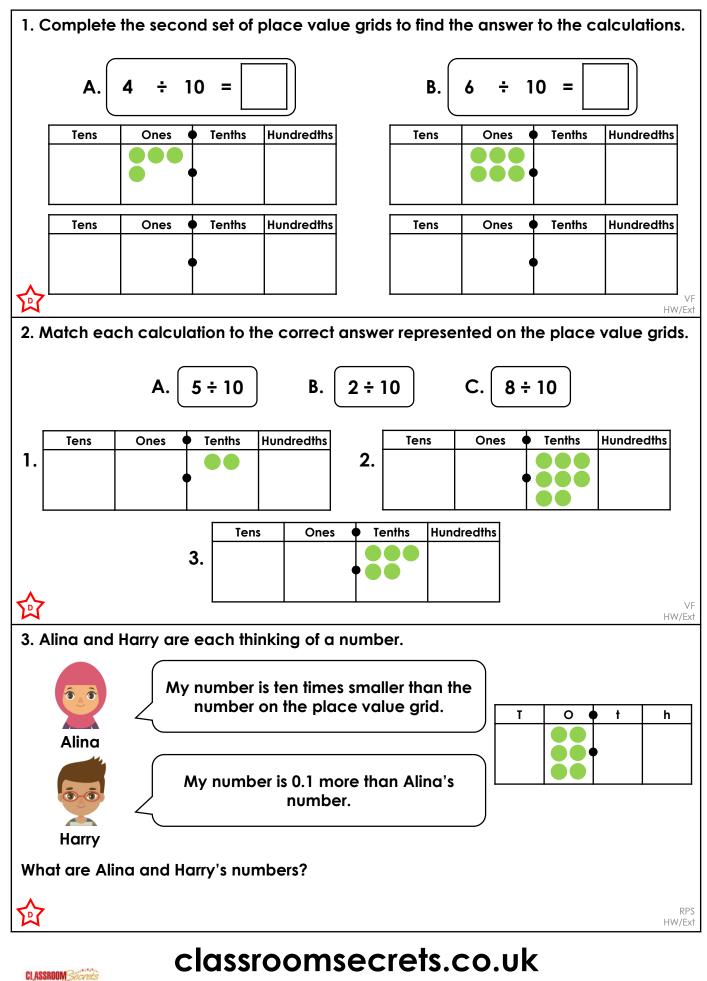
More <u>Year 4 Decimals</u> resources.

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



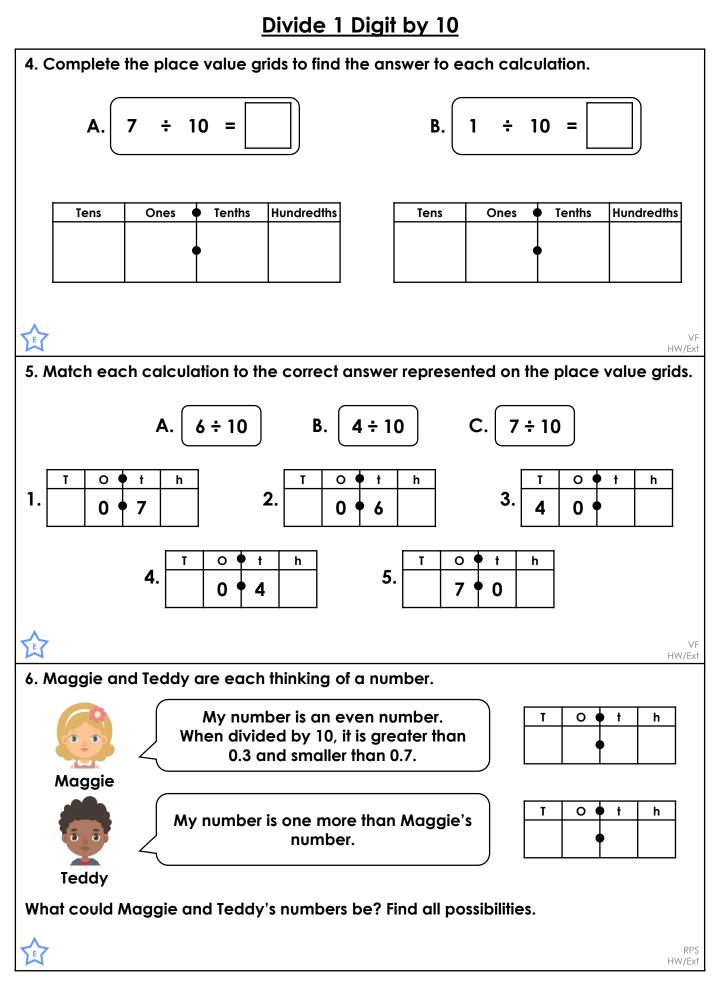
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Divide 1 Digit by 10



Homework/Extension – Divide 1 Digit by 10 – Year 4 Developing

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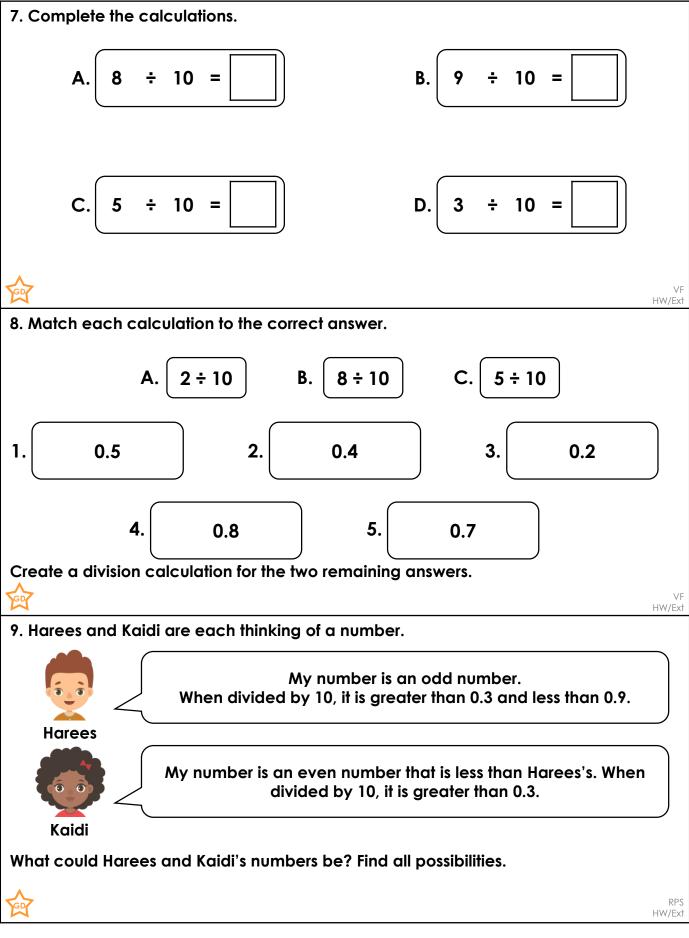


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Homework/Extension – Divide 1 Digit by 10 – Year 4 Expected

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Developing

- 1. A. 0.4; B. 0.6
- 2. A. 3; B. 1; C. 2
- 3. Alina's number is 0.6 as $6 \div 10 = 0.6$; Harry's number is 0.7.

Expected

- **4. A. 0.7**; **B. 0.1**
- 5. A. 2; B. 4; C. 1
- 6. Maggie's number could be 4 or 6; Teddy's number could be 5 or 7.

Greater Depth

- 7. A. 0.8; B. 0.9; C. 0.5; D. 0.3
- 8. A. 3; B. 5; C. 1; 7 ÷ 10 = 0.7, 4 ÷ 10 = 0.4
- 9. Individually, Harees could be thinking of 5, 7 or 9 and Kaidi could be thinking of 4, 6 or 8. However, Kaidi can only have 8 if Harees has 9; 6 if Harees has 7 or 9; and 4 if Harees has 5, 7 or 9.



