Homework/Extension Step 16: Finding the Whole

National Curriculum Objectives:

Mathematics Year 6: (6F6) <u>Associate a fraction with division and calculate decimal</u> fraction equivalents [for example, 0.375] for a simple fraction [for example, 3/8] Mathematics Year 6: (6F11) <u>Recall and use equivalences between simple fractions</u>, decimals and percentages, including in different contexts

Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

Developing Identify the correct statements. Includes one unit fraction per calculation (using thirds, quarters and tenths). Question includes pictorial support.

Expected Identify the correct statements. Includes one fraction per calculation (up to twelfths). Question includes pictorial support.

Greater Depth Identify the correct statements. Includes two fractions per calculation with different denominators (up to twelfths).

Questions 2, 5 and 8 (Varied Fluency)

Developing Identify the correct representation of a given amount. Includes one unit fraction per calculation (using thirds, quarters and fifths). Question includes pictorial support.

Expected Identify the correct representation of a given amount. Includes one fraction per calculation (up to twelfths). Question includes pictorial support.

Greater Depth Identify the correct representation of a given amount. Includes two fractions per calculation with different denominators (up to twelfths).

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

Developing Identify and explain which statement is correct. Includes one unit fraction per calculation (using thirds). Question includes pictorial support.

Expected Identify and explain which statement is correct. Includes one fraction per calculation (up to twelfths).

Greater Depth Identify and explain which statement is correct. Includes two fractions per calculation with different denominators (up to twelfths).

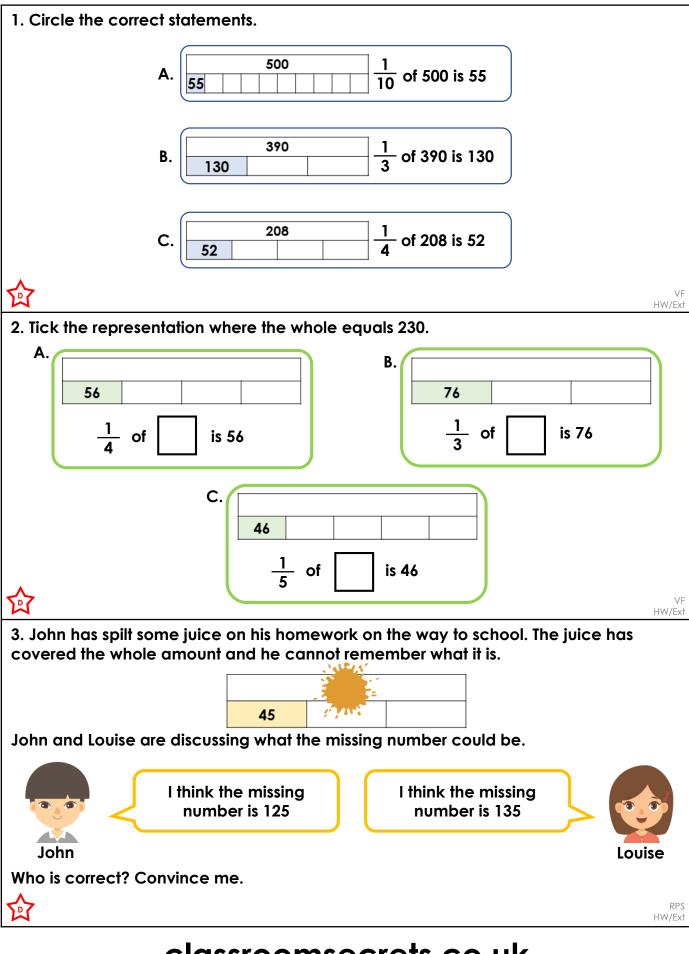
More <u>Year 6 Fractions</u> resources.

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

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Finding the Whole

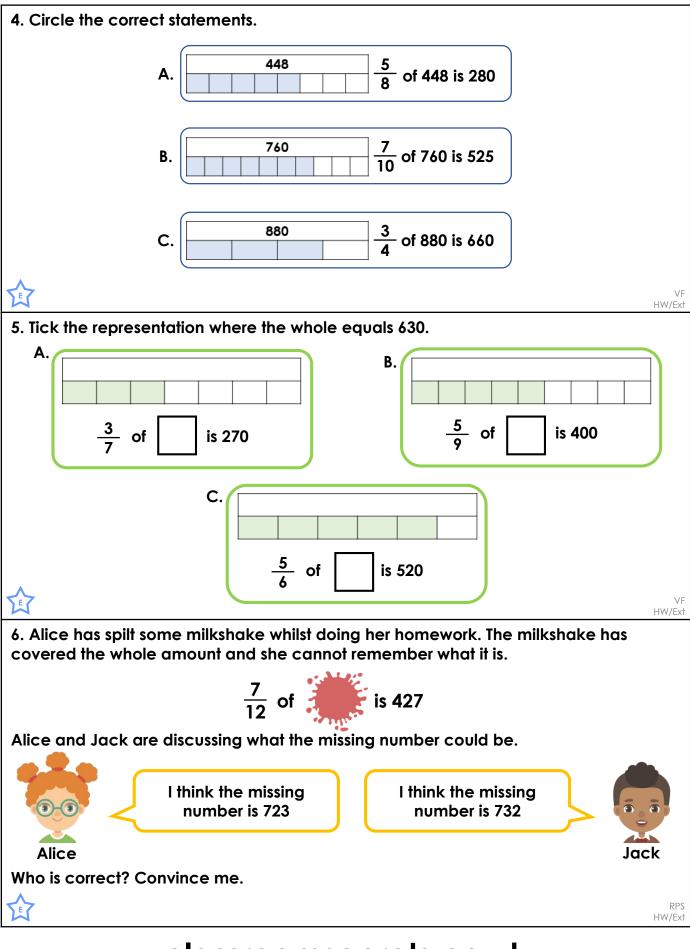


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Homework/Extension – Finding the Whole – Year 6 Developing

Finding the Whole

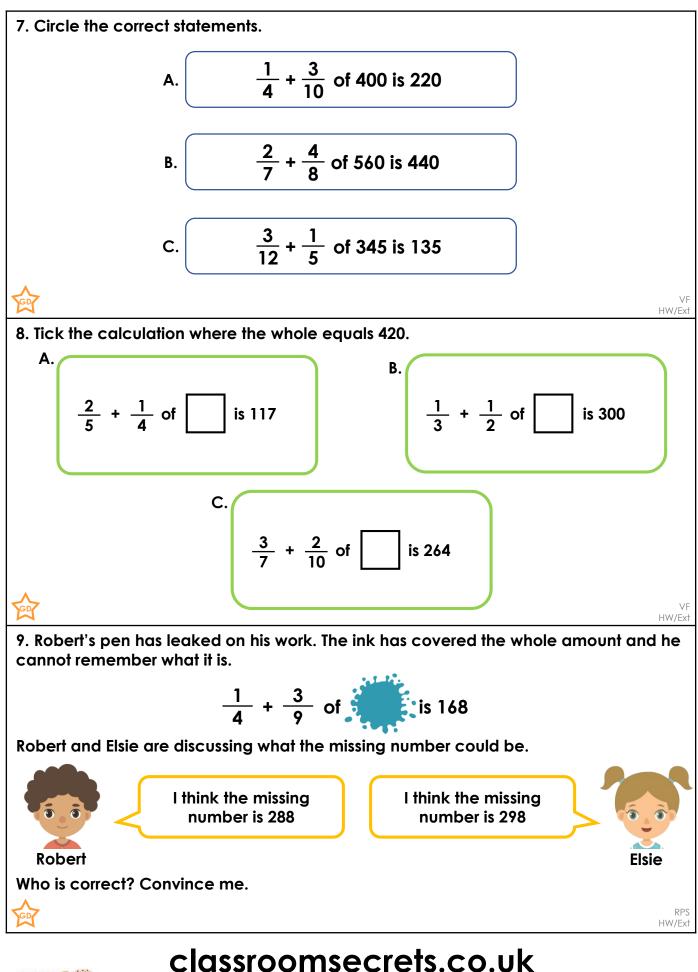


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Homework/Extension – Finding the Whole – Year 6 Expected

Finding the Whole



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Homework/Extension Finding the Whole

Developing

- 1. B and C
- 2. <mark>C</mark>
- 3. Louise is correct because 135 ÷ 3 = 45. This means $\frac{1}{3}$ of 135 = 45.

Expected

- 4. A and C
- 5. <mark>A</mark>
- 6. Jack is correct because 427 ÷ 7 = 61 and 61 x 12 = 732 therefore, $\frac{7}{12}$ of 732 = 427.

Greater Depth

- 7. A and B
- 8. <mark>C</mark>

9. Robert is correct because $\frac{1}{4} + \frac{3}{9} = \frac{7}{12}$; 168 ÷ 7 =24; 24 x 12 = 288 therefore, $\frac{1}{4} + \frac{3}{9}$ of 288 = 168.





Homework/Extension – Finding the Whole ANSWERS