# Homework/Extension Step 13: Divide Fractions by Integers 2

#### National Curriculum Objectives:

Mathematics Year 6: (6F2) <u>Use common factors to simplify fractions; use common</u> <u>multiples to express fractions in the same denomination</u> Mathematics Year 6: (6F5b) <u>Divide proper fractions by whole numbers [for example, 1/3</u>  $\div 2 = 1/6$ ]

#### **Differentiation:**

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Solve the calculation and complete the bar model. Includes division of unit fractions by integers where the numerator is not a multiple of the divisor and use of pictorial support.

Expected Solve the calculation and complete the bar model. Includes division of fractions by integers where the numerator is not a multiple of the divisor and use of pictorial support. Greater Depth Solve the calculation and complete the bar model. Includes division of fractions by integers where the numerator is not a multiple of the divisor, with some use of mixed numbers and improper fractions.

#### Questions 2, 5 and 8 (Varied Fluency)

**Developing** Select the correct digit cards to complete the number sentence. Includes division of unit fractions by integers where the numerator is not a multiple of the divisor and use of pictorial support.

**Expected** Select the correct digit cards to complete the number sentence. Includes division of fractions by integers where the numerator is not a multiple of the divisor.

Greater Depth Select the correct digit cards to complete the number sentence. Includes division of fractions by integers where the numerator is not a multiple of the divisor, with some use of mixed numbers and improper fractions.

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

**Developing** Explain who is correct by completing the division sentence and drawing a model. Includes division of unit fractions by integers where the numerator is not a multiple of the divisor and use of pictorial support.

Expected Explain who is correct by completing the division sentence and drawing a model. Includes division of fractions by integers where the numerator is not a multiple of the divisor. Greater Depth Explain who is correct by completing the division sentence and drawing a model. Includes division of fractions by integers where the numerator is not a multiple of the divisor, with some use of mixed numbers and improper fractions.

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

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## Divide Fractions by Integers 2



Homework/Extension – Divide Fractions by Integers 2 – Year 6 Developing

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## Divide Fractions by Integers 2



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### Divide Fractions by Integers 2



Homework/Extension – Divide Fractions by Integers 2 – Year 6 Greater Depth

#### Homework/Extension Divide Fractions by Integers 2



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