


All Saints Multi Academy Trust, Birmingham  
**Home Learning**

Year 6 Maths Week 6		Monday	Tuesday	Wednesday	Thursday	Friday
<p>45 – 60 minutes' daily</p> <p><a href="https://teachers.thenational.academy/units/fractions-120c">https://teachers.thenational.academy/units/fractions-120c</a></p> <p>All written work should be completed in their pupil work book or a piece of paper. Worksheets are numbered by day and are available online or for collection from the school office. Work can be photographed and emailed for weekly feedback.</p> 	<b>Learning Objective</b>	<p><b>Lesson 1</b></p> <p><u>LO: To represent multiplication with proper fractions</u></p>	<p><b>Lesson 2</b></p> <p><u>LO: To multiply pairs of proper fractions</u></p>	<p><b>Lesson 3</b></p> <p><u>LO: To divide a proper fraction by an integer</u></p>	<p><b>Lesson 4</b></p> <p><u>LO: To multiply and divide improper fractions</u></p>	<p><b>Lesson 5</b></p> <p><u>LO: To solve fraction problems with the four operations</u></p>
	<b>Lesson Link</b>	<p><a href="https://classroom.thenational.academy/lessons/fractions-represent-multiplication-with-proper-fractions-c9h64e">https://classroom.thenational.academy/lessons/fractions-represent-multiplication-with-proper-fractions-c9h64e</a></p>	<p><a href="https://classroom.thenational.academy/lessons/fractions-multiply-pairs-of-proper-fractions-c4rp4r">https://classroom.thenational.academy/lessons/fractions-multiply-pairs-of-proper-fractions-c4rp4r</a></p>	<p><a href="https://classroom.thenational.academy/lessons/fractions-divide-a-proper-fraction-by-an-integer-6tjkgd">https://classroom.thenational.academy/lessons/fractions-divide-a-proper-fraction-by-an-integer-6tjkgd</a></p>	<p><a href="https://classroom.thenational.academy/lessons/fractions-multiply-and-divide-with-improper-fractions-74tk8c">https://classroom.thenational.academy/lessons/fractions-multiply-and-divide-with-improper-fractions-74tk8c</a></p>	<p><a href="https://classroom.thenational.academy/lessons/fractions-solve-fraction-problems-with-the-four-operations-cgrk0d">https://classroom.thenational.academy/lessons/fractions-solve-fraction-problems-with-the-four-operations-cgrk0d</a></p>
	<b>Lesson outline</b>	<p>We will build on our conceptual understanding of calculating with fractions, focusing on multiplication (of two proper fractions) and division (of a common fraction by an integer). In today's lesson, we will represent multiplication of a fraction and integer, reason about multiplication and seek patterns.</p>	<p>We will learn the procedure for multiplying fractions and express the products in their simplest form or as a mixed number.</p>	<p>We will connect fractions and division before learning the procedure for dividing a fraction by an integer.</p>	<p>We will learn strategies for multiplying and dividing with mixed numbers and improper fractions.</p>	<p>We will revise calculating with fractions using the four operations and then apply this to word problems.</p>
	<b>Extra Notes</b>	<p>Draw the pictorials, including labels.</p>	<p>Complete the quiz first. Use factor bugs to help find the fraction in its simplest form.</p>	<p>Complete the quiz first. Use the pictorials to help you work out the problems. Calculations can be done in pupil book.</p>	<p>Use the most efficient strategy to work out the problems.</p>	<p>Calculations can be done in pupil book.</p>