

# Multiplying Mixed Numbers Sheet 1

Question	Conversion System	Write as Improper Fractions	Simplify where possible	Top × Top Bottom × Bottom	Numerator ÷ Denominator = whole number + remainder
$2\frac{3}{5} \times 1\frac{2}{3}$	$\frac{(2 \times 5) + 3}{5} \times \frac{(1 \times 3) + 2}{3}$	$\frac{13}{5} \times \frac{5}{3}$	$\frac{13}{\cancel{5}_1} \times \frac{\cancel{5}^1}{3}$	$\frac{13}{3}$	<div style="display: flex; justify-content: space-between;"> <div>Whole number</div> <div>Remainder</div> </div> $4\frac{1}{3}$ <div style="display: flex; justify-content: space-between;"> <div></div> <div>Denominator</div> </div>
$5\frac{3}{5} \times 1\frac{1}{4}$	$\frac{(5 \times 5) + 3}{5} \times \frac{(1 \times 4) + 1}{4}$	$\frac{28}{5} \times \frac{5}{4}$	$\frac{\cancel{28}^7}{\cancel{5}_1} \times \frac{\cancel{5}^1}{\cancel{4}_1}$		
$7\frac{3}{8} \times 2\frac{5}{6}$	$\frac{(7 \times 8) + 3}{8} \times \frac{(2 \times 6) + 5}{6}$				
$5\frac{3}{8} \times 1\frac{3}{5}$					
$3\frac{3}{5} \times 1\frac{3}{12}$					
$6\frac{2}{7} \times 5\frac{5}{6}$					
$7\frac{3}{4} \times 3\frac{5}{6}$					