

Topic: 3.4 Multiplying Rational Numbers	Name: _____ Class: _____ Date: _____
Questions/Main Ideas:	Notes:
<i>Learning Intention</i> Quick Review Try these: Remember: Practice:	<i>Solve problems that require multiplying rational numbers.</i> Remember that when we multiply fractions we multiply the numerators (top) and multiply the denominators (bottom) and always reduce if possible. Example: $\frac{2}{3} \times \frac{1}{4} = \frac{2 \times 1}{3 \times 4} = \frac{2}{12} = \frac{1}{6}$ $\frac{6}{3} \times \frac{3}{7} =$ $\frac{5}{7} \times \frac{-3}{4} =$ $\frac{-6}{3} \times \frac{3}{-7} =$ <div style="border: 1px solid black; padding: 5px; display: inline-block;"> When multiplying integers: + X + = + - X - = + - X + = - </div> $\left(-\frac{11}{7}\right)\left(-\frac{3}{5}\right) =$ $\left(2\frac{2}{3}\right)\left(-1\frac{3}{4}\right) =$ (0.8)(-2.4) = (-1.25)(-2.84) =
Next Step	p. 127 # 3, 5, 7, 9, 14, 15

