


# Reasoning with Division of Fractions

*Directions: First, think about what is being asked. Then think about what might be a reasonable answer. Finally, figure out the answer. You can draw a picture or use a number line or even a calculator if you wish.*

Problem	Question Being Asked	Estimate	Strategy to Solve
Example:  $3 \div 2/3$	How many $2/3$ are there in 3?	At least 3 since $2/3$ is less than 1; probably 4 but less than 6 since $2/3$ is more than $1/2$	 <p>           I have 4 sets of <math>2/3</math> and <math>1/2</math> of another <math>2/3</math>. <math>3 \div 2/3 = 4 \frac{1}{2}</math> </p>
$4 \div 1/2$			
$2 \div 1/5$			

<b>Problem</b>	<b>Question Being Asked</b>	<b>Estimate</b>	<b>Strategy to Solve</b>
$6 \div 1/3$			
$4 \div 3/5$			
$4 \div 3/4$			
$5 \div 1/3$			