| Math Chapter 4 Study Guide |  |
| :---: | :---: |
| Divisor | the number that divides the dividend |
| Reciprocals | two numbers are reciprocals of each other if their product equals 1 |
| Associative Property | the property that states that whatever way addends are grouped or factors are grouped does not change the sum or the product |
| Dividing Fractions | Step 1 $7 \div \frac{1}{2}$ <br> Step 2 $\frac{7}{1} \times \frac{2}{1}=14$ <br> (turn the second fraction over and change the division sign to multiplication.) |
| Reciprocals | Two numbers whose product is 1 are reciprocals. |
| Dividing Fractions by using the reciprocal | $\begin{aligned} 6 \div \frac{1}{4} & =\frac{6}{1} \div \frac{1}{4} \\ & =\frac{6}{1} \times \frac{4}{1} \\ & =\frac{6}{1} \times \frac{4}{1}=\frac{24}{1}, \text { or } 24 \end{aligned}$ |


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| :--- | :--- | :--- |
| Dividing a Mixed Number | $6 \frac{1}{3} \div 5$ $=\frac{19}{3} \div \frac{5}{1}$ <br>  $=\frac{19}{3} \times \frac{1}{5}$ <br>  $=\frac{19}{15}$,$\quad$ or $1 \frac{4}{15}$ |

