

Name: Key

4<sup>th</sup> Grade Notes 3.1 Relating Multiplication and Division p. 135

fact family: a set of related

multiplication and division facts using the same numbers

Ex:

$$\begin{array}{r} 2 \text{ } 000 \\ \times 3 \text{ } 000 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \times 3 = 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \div 3 = 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \times 2 = 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \div 2 = 3 \\ \hline \end{array}$$

Ex:

$$\begin{array}{r} 2 \text{ } \star \star \star \star \\ \times 4 \text{ } \star \star \star \star \\ \hline \end{array}$$

$$\begin{array}{r} 4 \times 2 = 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \div 2 = 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \times 4 = 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \div 4 = 2 \\ \hline \end{array}$$