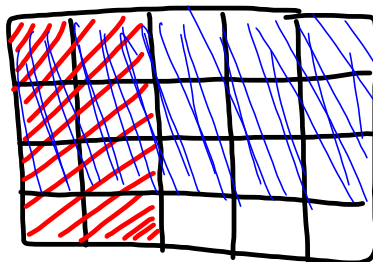


3.3 Multiplying Fractions

Oct. 31/17

$$\begin{aligned}
 \underline{\underline{\text{ex(1)}}}: & \quad \frac{2}{5} \times \frac{3}{4} \\
 & = \frac{6}{20} \div 2 \\
 & \quad \quad 20 \div 2 \\
 & = \frac{3}{10}
 \end{aligned}$$



$$\underline{\underline{\text{ex(a)}}}: \quad \frac{5 \div 5}{24 \div 12} \times \frac{12 \div 12}{25 \div 5}$$

$$\begin{aligned}
 & = \frac{1}{2} \times \frac{1}{5} \\
 & = \frac{1}{10}
 \end{aligned}$$

Cross-simplify
 *only works for
 multiplication*

Note: To MULTIPLY fraction
 times the numerator by the
 numerator (top by top), and
 times the denominator by the
 denominator (bottom by bottom).