

**Divide. Convert to a Mixed Number if Necessary. (Remember to Simplify on the Diagonal)**

1.  $\frac{12}{18} \div \frac{8}{36} =$

2.  $4 \div \frac{3}{8} =$

3.  $\frac{15}{22} \div \frac{9}{11} =$

4.  $\frac{20}{7} \div \frac{30}{14} =$

5.  $\frac{24}{6} \div \frac{2}{9} =$

6.  $\frac{55}{3} \div 15 =$

Divide. Convert to a Mixed Number if Necessary. (Remember to Simplify on the Diagonal)

$$1. \frac{12}{18} \div \frac{8}{36} =$$

$$3 \frac{\cancel{12}}{18} \cdot \frac{36 \cancel{2}}{8 \cancel{2}} = \frac{3}{1} = \boxed{3}$$

$$2. \frac{4}{1} \div \frac{3}{8} =$$

$$\frac{4}{1} \cdot \frac{8}{3} = \frac{32}{3} = \boxed{10 \frac{2}{3}}$$

$$3. \frac{15}{22} \div \frac{9}{11} =$$

$$5 \frac{\cancel{15}}{22} \cdot \frac{11 \cancel{1}}{9 \cancel{3}} = \boxed{\frac{5}{6}}$$

$$4. \frac{20}{7} \div \frac{30}{14} =$$

$$2 \frac{\cancel{20}}{7} \cdot \frac{14 \cancel{2}}{30 \cancel{3}} = \frac{4}{3} = \boxed{1 \frac{1}{3}}$$

$$5. \frac{24}{6} \div \frac{2}{9} =$$

$$6 \frac{\cancel{24}}{\cancel{2} \cdot 6} \cdot \frac{9 \cancel{3}}{\cancel{2} \cdot 1} = \frac{18}{1} = \boxed{18}$$

$$6. \frac{55}{3} \div \frac{15}{1} =$$

$$11 \frac{\cancel{55}}{3} \cdot \frac{1}{\cancel{15} \cdot 3} = \frac{11}{9} = \boxed{1 \frac{2}{9}}$$