

6.13 Divide Mixed #'s by fractions

$$5\frac{1}{3} \div \frac{4}{5}$$

$$\frac{16}{3} \div \frac{4}{5}$$

$$\frac{4\cancel{16}}{3} \times \frac{5}{\cancel{4}1} = \frac{20}{3} = \boxed{6\frac{2}{3}}$$

$$7\frac{1}{2} \div 3\frac{1}{2}$$

$$\frac{15}{2} \div \frac{7}{2}$$

$$\frac{15}{\cancel{2}} \times \frac{\cancel{2}1}{7} = \frac{15}{7} = \boxed{2\frac{1}{7}}$$

$$16 \div 1\frac{1}{3}$$

$$\frac{16}{1} \div \frac{4}{3}$$

$$\frac{4\cancel{16}}{1} \times \frac{3}{\cancel{4}1} = \frac{12}{1} = \boxed{12}$$