Dividing fractions

Ex1:

$$2\frac{3}{4} \div 1\frac{1}{2}$$

$$\frac{11}{4} \div \frac{3}{2}$$

$$\frac{11}{\underset{2}{4}} \cdot \frac{\overset{1}{2}}{3}$$

$$\frac{11}{6} = \boxed{1\frac{5}{6}}$$

$$2\frac{3}{4} \rightarrow \frac{4\cdot2+3}{4}$$

$$1\frac{1}{2} \rightarrow \frac{2\cdot1+1}{2}$$

$$\boxed{\text{x by the reciprocal}}$$

Ex2:

$$\frac{4}{11} \div 1\frac{2}{7}$$

$$\frac{4}{11} \div \frac{9}{7}$$

$$\frac{4}{11} \cdot \frac{7}{9}$$

$$\boxed{\frac{28}{99}}$$

$$1\frac{2}{7} \rightarrow \frac{7\cdot1+2}{7}$$

x by the reciprocal