

# Multiply Mixed #'s

To multiply with mixed, you must change all mixed numbers into improper fractions first. Then multiply straight across. You can still simplify before or after you multiply.

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

$$\frac{3}{2} \times \frac{3}{4} = \frac{9}{8} = 1\frac{1}{8}$$

$$1\frac{1}{2} \times 1\frac{1}{2}$$

$$\frac{3}{2} \times \frac{3}{2} = \frac{9}{4} = 2\frac{1}{4}$$

$$4\frac{2}{3} \times 2\frac{2}{7}$$

$$\frac{14}{3} \times \frac{16}{7} = \frac{224}{21} = 11\frac{1}{3}$$

$$\frac{2}{3} \times \frac{16}{7} = \frac{32}{21} = 1\frac{11}{21}$$

$$2 \overline{) 224} \\ \underline{21} \phantom{0} \\ 14$$

$$21 \overline{) 224} \\ \underline{21} \phantom{0} \\ 14$$