

## Multiplying Fractions

1. Change mixed numbers to improper fractions
2. Multiply numerators
3. Multiply denominators
4. Reduce

$$\text{eg) } 3\frac{1}{2} = \frac{7}{2}$$

$$\text{eg 1) } \frac{3}{4} \times \frac{1}{2} = \boxed{\frac{3}{8}}$$

$$\begin{aligned} \text{eg 2) } 2 \times \frac{3}{4} &= \frac{8}{4} \times \frac{3}{4} = \frac{24}{16} \\ &= 1\frac{8}{16} \\ &= \boxed{1\frac{1}{2}} \end{aligned}$$

$$\begin{aligned} \text{eg 3) } 1\frac{1}{2} \times 2\frac{3}{4} &= \frac{3}{2} \times \frac{11}{4} = \frac{33}{8} \\ &= \boxed{4\frac{1}{8}} \end{aligned}$$