

MULTIPLICATION BY A MIXED NUMBER

Learning Objectives

- 🔄 Multiply a proper fraction by a mixed number
- 🔄 Multiply 2 mixed numbers

Steps to Success

- 🔄 Convert mixed number to improper fraction
- 🔄 Cancel out any equivalence
- 🔄 Multiply the 2 numerators
- 🔄 Multiply the 2 denominators
- 🔄 Simplify

$$1) \frac{1}{2} \times 1\frac{1}{2} = \underline{\hspace{2cm}}$$

$$2) 1\frac{3}{5} \times \frac{5}{6} = \underline{\hspace{2cm}}$$

$$3) 3\frac{1}{2} \times \frac{6}{7} = \underline{\hspace{2cm}}$$

$$4) \frac{2}{5} \times 2\frac{1}{4} = \underline{\hspace{2cm}}$$

$$5) \frac{8}{9} \times 3\frac{3}{4} = \underline{\hspace{2cm}}$$

$$6) 1\frac{1}{12} \times 2\frac{2}{3} = \underline{\hspace{2cm}}$$

$$7) 1\frac{1}{3} \times 2\frac{3}{4} = \underline{\hspace{2cm}}$$

$$8) 1\frac{5}{6} \times 1\frac{5}{11} = \underline{\hspace{2cm}}$$

$$9) 1\frac{1}{4} \times 1\frac{2}{3} = \underline{\hspace{2cm}}$$

$$10) 4\frac{1}{5} \times 1\frac{17}{18} = \underline{\hspace{2cm}}$$