

Fractions: Multiply - Simplify

$$\frac{6}{10} \times \frac{15}{4} = \frac{\cancel{2} \times 3 \times \cancel{5} \times 3}{\cancel{2} \times \cancel{5} \times 2 \times 2} = \frac{9}{4}$$

a) $\frac{2}{3} \times \frac{6}{7} = \frac{2 \times 2 \times}{3 \times} = \text{---}$

b) $\frac{4}{7} \times \frac{3}{4} = \frac{2 \times \quad \times 3}{\quad \times 2 \times} = \text{---}$

c) $\frac{2}{5} \times \frac{10}{6} = \text{---}$

d) $\frac{9}{8} \times \frac{12}{18} = \text{---}$

e) $\frac{3}{14} \times \frac{7}{12} = \text{---}$

f) $\frac{11}{20} \times \frac{15}{6} = \text{---}$



Multiply and simplify mixed numbers

$$3\frac{3}{5} \times 1\frac{1}{4} = \frac{(5 \times 3 + 3)}{5} \times \frac{(4 \times 1 + 1)}{4} = \frac{\cancel{5} \times 3 \times 3 \times \cancel{5}}{\cancel{5} \times \cancel{5} \times 2} = \frac{9}{2}$$

a) $2\frac{2}{3} \times 2\frac{1}{4} = \frac{\quad}{3} \times \frac{\quad}{4} =$

b) $3\frac{4}{7} \times \frac{3}{5} = \frac{\quad}{7} \times \frac{3}{5} = \text{---}$

c) $2\frac{1}{3} \times \frac{9}{14} = \text{---} \times \frac{9}{14} = \text{---}$

