

Fractions: Multiply - Simplify

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

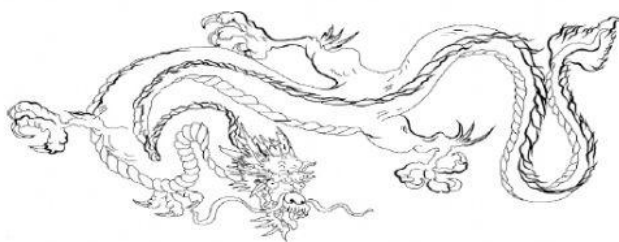
$$\text{a) } \frac{2}{3} \times \frac{6}{7} = \frac{2 \times 2 \times}{3 \times} = \text{---}$$

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

$$\text{c) } \frac{9}{5} \times \frac{10}{6} = \frac{3 \times \quad \times 2 \times}{\quad \times \quad \times 3} = \text{---}$$

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

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



Multiply and simplify mixed numbers

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

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

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

