## 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) $\frac{2}{3}\times\frac{6}{7}=\frac{2\times 2\times}{3\times}=$ ____

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

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

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

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

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

## Multiply and simplify mixed numbers

$$3\frac{3}{5}\times 1\frac{1}{4}=\frac{(5\times\overset{18}{3}+3)}{5}\times\frac{(4\times\overset{5}{1}+1)}{4}=\frac{\cancel{2}\times 3\times 3\times\cancel{5}}{\cancel{5}\times\cancel{2}\times 2}=\frac{9}{2}$$

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




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

c) $2\frac{1}{3}\times\frac{9}{14}=$ ____ $\times\frac{9}{\quad}=$ ____

LIVEWORKSHEETS