

FRACTIONS WORKSHEET**Least Common Denominator:**

Find the least common denominator for each pair:

a) $\frac{1}{6}$ and $\frac{2}{5}$

b) $\frac{3}{7}$ and $\frac{1}{4}$

c) $\frac{4}{9}$ and $\frac{5}{12}$

d) $\frac{7}{10}$ and $\frac{8}{15}$

Determine the least common denominator for each set of fractions:

a) $\frac{3}{10}$ $\frac{4}{5}$ $\frac{1}{2}$

b) $\frac{9}{4}$ $\frac{3}{8}$ $\frac{1}{3}$

c) $\frac{24}{25}$ $\frac{49}{50}$ $\frac{37}{100}$

d) $\frac{8}{9}$ $\frac{5}{8}$ $\frac{5}{12}$

Lowest Terms:

Simplify the fractions by reducing

a) $\frac{20}{40}$

b) $\frac{75}{125}$

c) $\frac{33}{88}$

d) $\frac{36}{720}$

Adding and Subtracting Fractions:

Remember to check for common denominators!!

a) $\frac{2}{3} + \frac{1}{6}$

b) $\frac{3}{10} + \frac{1}{2}$

c) $\frac{1}{4} + \frac{2}{5} + \frac{1}{10}$

d) $\frac{5}{12} + \frac{1}{6} + \frac{1}{4}$

e) $\frac{3}{4} - \frac{3}{5}$

f) $\frac{5}{6} - \frac{1}{3}$

g) $\frac{11}{12} - \frac{3}{4}$

h) $\frac{8}{10} - \frac{2}{5} - \frac{1}{2}$

i) $\frac{2}{3} - \frac{1}{6}$

Multiplying and Dividing Fractions: Remember the trick to dividing!!!

Express answers in lowest terms.

a) $\frac{5}{9} \times \frac{2}{7}$

b) $\frac{2}{15} \times \frac{3}{10}$

c) $\frac{9}{20} \times \frac{4}{5}$

d) $\frac{2}{5} \times \frac{3}{4} \times \frac{1}{2}$

e) $\frac{2}{9} \div \frac{5}{6}$

f) $\frac{3}{10} \div \frac{2}{5}$

g) $\frac{5}{12} \div \frac{7}{10}$

h) $\frac{10}{5} \div \frac{6}{15}$

i) $\frac{2}{5} \times \frac{1}{4} \div \frac{1}{2}$