Worksheet #5



Converting Fractions

Learning Goal: Students will convert unlike fractions to like fractions using the LCM of denominators.

Example:

$$\frac{11}{5}, \frac{5}{2} = \frac{22}{10}, \frac{25}{10}$$

a)
$$rac{12}{5},rac{5}{3}=rac{\Box}{\Box},rac{\Box}{\Box}$$

f)
$$rac{3}{11},rac{8}{5}=rac{\square}{\square},rac{\square}{\square}$$

b)
$$rac{8}{7},rac{9}{11}=rac{\square}{\square},rac{\square}{\square}$$

g)
$$\frac{8}{7}, \frac{12}{13} = \frac{\square}{\square}, \frac{\square}{\square}$$

c)
$$rac{11}{3},rac{13}{6}=rac{\Box}{\Box},rac{\Box}{\Box}$$
 (h) $rac{12}{7},rac{8}{5}=rac{\Box}{\Box},rac{\Box}{\Box}$

h)
$$\frac{12}{7}$$
 , $\frac{8}{5}=\frac{\square}{\square}$, $\frac{\square}{\square}$

a)
$$rac{2}{15},rac{2}{3}=rac{\square}{\square},rac{\square}{\square}$$

$$\mathrm{d})\frac{2}{15},\frac{2}{3}=\frac{\square}{\square},\frac{\square}{\square}\qquad \mathrm{i})\frac{2}{13},\frac{11}{7}=\frac{\square}{\square},\frac{\square}{\square}$$

$$ext{e})rac{11}{7},rac{22}{3}=rac{\square}{\sqcap},rac{\square}{\sqcap}$$
 j) $rac{16}{5},rac{7}{3}=rac{\square}{\sqcap},rac{\square}{\sqcap}$

$$)\frac{16}{5}, \frac{7}{3} = \frac{\square}{\square}, \frac{\square}{\square}$$

Worksheet #5 (Answers)



Converting Fractions

Learning Goal: Students will convert unlike fractions to like fractions using the LCM of denominators.

Example:

$$\frac{11}{5}, \frac{5}{2} = \frac{22}{10}, \frac{25}{10}$$

a)
$$rac{12}{5},rac{5}{3}=rac{36}{15},rac{25}{15}$$

a)
$$\frac{12}{5}, \frac{5}{3} = \frac{36}{15}, \frac{25}{15}$$
 f) $\frac{3}{11}, \frac{8}{5} = \frac{15}{55}, \frac{88}{55}$

b)
$$\frac{8}{7}$$
, $\frac{9}{11} = \frac{88}{77}$, $\frac{63}{77}$

b)
$$\frac{8}{7}, \frac{9}{11} = \frac{88}{77}, \frac{63}{77}$$
 g) $\frac{8}{7}, \frac{12}{13} = \frac{104}{91}, \frac{84}{91}$

c)
$$\frac{11}{3}$$
, $\frac{13}{6} = \frac{66}{18}$, $\frac{39}{18}$ h) $\frac{12}{7}$, $\frac{8}{5} = \frac{60}{35}$, $\frac{56}{35}$

h)
$$\frac{12}{7}, \frac{8}{5} = \frac{60}{35}, \frac{56}{35}$$

d)
$$\frac{2}{15}, \frac{2}{3} = \frac{6}{45}, \frac{30}{45}$$

d)
$$\frac{2}{15}, \frac{2}{3} = \frac{6}{45}, \frac{30}{45}$$
 i) $\frac{2}{13}, \frac{11}{7} = \frac{14}{91}, \frac{143}{91}$

$$\text{e)}\ \ \frac{11}{7}, \frac{22}{3} = \frac{33}{21}, \frac{154}{21} \quad \text{j)}\ \ \frac{16}{5}, \frac{7}{3} = \frac{48}{15}, \frac{35}{15}$$

$$(1)$$
 $\frac{16}{5}$, $\frac{7}{3}$ $=$ $\frac{48}{15}$, $\frac{35}{15}$