Worksheet #6

MeandMath
BELIEVE YOURSELF

Converting Fractions

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

Example:

$$\frac{2}{5}, \frac{2}{7} = \frac{14}{35}, \frac{10}{35}$$

a) $\dfrac{4}{5}, \dfrac{4}{7} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

f) $\dfrac{6}{7}, \dfrac{6}{11} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

b) $\dfrac{5}{7}, \dfrac{5}{11} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

g) $\dfrac{8}{15}, \dfrac{8}{9} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

c) $\dfrac{3}{8}, \dfrac{3}{12} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

h) $\dfrac{5}{12}, \dfrac{5}{6} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

d) $\dfrac{7}{9}, \dfrac{7}{11} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

i) $\dfrac{2}{9}, \dfrac{2}{13} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

e) $\dfrac{7}{13}, \dfrac{7}{8} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

j) $\dfrac{8}{9}, \dfrac{8}{12} = \dfrac{\square}{\square}, \dfrac{\square}{\square}$

Worksheet #6 (Answers)

Converting Fractions

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

Example:
$$\frac{2}{5}, \frac{2}{7} = \frac{14}{35}, \frac{10}{35}$$

a) $\frac{4}{5}, \frac{4}{7} = \frac{28}{35}, \frac{20}{35}$

f) $\frac{6}{7}, \frac{6}{11} = \frac{66}{77}, \frac{42}{77}$

b) $\frac{5}{7}, \frac{5}{11} = \frac{55}{77}, \frac{35}{77}$

g) $\frac{8}{15}, \frac{8}{9} = \frac{72}{135}, \frac{120}{135}$

c) $\frac{3}{8}, \frac{3}{12} = \frac{36}{96}, \frac{24}{96}$

h) $\frac{5}{12}, \frac{5}{6} = \frac{30}{72}, \frac{60}{72}$

d) $\frac{7}{9}, \frac{7}{11} = \frac{77}{99}, \frac{63}{99}$

i) $\frac{2}{9}, \frac{2}{13} = \frac{26}{117}, \frac{18}{117}$

e) $\frac{7}{13}, \frac{7}{8} = \frac{56}{104}, \frac{91}{104}$

j) $\frac{8}{9}, \frac{8}{12} = \frac{96}{108}, \frac{72}{108}$