Maths Fractions

Grade 4 Name:.....

1. Complete with corresponding equivalent fractions

a. $\frac{1}{2} = \frac{3}{6}$ b. $\frac{1}{4} = \frac{2}{8}$ c. $\frac{2}{5} = \frac{4}{10}$

d. $\frac{2}{3} = \frac{14}{21}$ e. $\frac{4}{32} = \frac{1}{8}$ f $\frac{6}{10} = \frac{36}{60}$

2. Complete the following additions (same denominators)

a. $\frac{2}{7} + \frac{3}{7} = \frac{2+3}{7} = \frac{5}{7}$

b. $\frac{4}{15} + \frac{7}{15} = \frac{4+7}{15} = \frac{11}{15}$

c. $\frac{6}{20} + \frac{9}{20} = \frac{6+9}{20} = \frac{15}{20} \overset{\div 5}{=} \frac{3}{4}$ (simplifying to lowest term)

3. Complete the following additions (different denominators)

Ex: $\frac{1}{2} + \frac{1}{4} = \frac{2}{4} + \frac{1}{4} = \frac{2+1}{4} = \frac{3}{4}$ $\frac{1}{2} \overset{(x2)}{=} \frac{2}{4}$

a. $\frac{3}{5} + \frac{3}{10} = \frac{6}{10} + \frac{3}{10} = \frac{6+3}{10} = \frac{9}{10}$ $\frac{3}{5} \overset{(x2)}{=} \frac{6}{10}$

b. $\frac{5}{12} + \frac{1}{3} = \frac{5}{12} + \frac{4}{12} = \frac{5+4}{12} = \frac{9}{12} \overset{(\div 3)}{=} \frac{3}{4}$ $\frac{1}{3} \overset{(x4)}{=} \frac{4}{12}$

c. $\frac{11}{24} + \frac{1}{6} = \frac{11}{24} + \frac{4}{24} = \frac{11+4}{24} = \frac{15}{24} \overset{(\div 3)}{=} \frac{5}{8}$ $\frac{1}{6} \overset{(x4)}{=} \frac{4}{24}$

d. $\frac{1}{4} + \frac{5}{16} = \frac{4}{16} + \frac{5}{16} = \frac{4+5}{16} = \frac{9}{16}$ $\frac{1}{2} \overset{(x2)}{=} \frac{2}{4}$

e. $\frac{2}{7} + \frac{13}{21} = \frac{6}{21} + \frac{13}{21} = \frac{6+13}{21} = \frac{19}{21}$ $\frac{1}{4} \overset{(x4)}{=} \frac{4}{16}$