<u>Sheet 137</u>

1) For each fraction, write an equivalent fraction with denominator 10, 100, or 1000. Then, write the fraction as a decimal.

a) $\frac{4}{5}$ b) $\frac{3}{50}$ c) $\frac{7}{20}$ d) $\frac{19}{200}$

2) Use Equivalent Fractions to order the fractions from least to greatest

$\frac{2}{3}, \frac{1}{2}, \frac{7}{24}, \frac{1}{12}, \frac{11}{12}$

3) For each of the following find the equivalent fraction

a) $\frac{2}{3} = \frac{\square}{9}$ b) $\frac{3}{4} = \frac{12}{\square}$ c) $\frac{12}{10} = \frac{\square}{5}$ d) $\frac{30}{40} = \frac{15}{\square}$ e) $\frac{5}{5} = \frac{15}{\square}$ f) $\frac{15}{10} = \frac{3}{\square}$

4) For each of the following write 3 more equivalent fractions (Show work)

a) $\frac{1}{2}$

b) $\frac{3}{4}$

c) $\frac{7}{5}$

d) $\frac{1}{3}$

e) $\frac{3}{10}$

f) $\frac{4}{1}$

g) $\frac{2}{5}$

h) $\frac{4}{3}$

5) Express each of the following in lowest terms

a) $\frac{3}{12}$ b) $\frac{8}{20}$ c) $\frac{6}{16}$ d) $\frac{12}{64}$ e) $\frac{24}{80}$ f) $\frac{15}{348}$ g) $\frac{10}{5}$ h) $\frac{75}{100}$

For each of the following scenarios write a fractions and REDUCE to lowest terms.

6) 32 students in total and 12 students do not like pizza. Write a fraction for those that LIKE pizza.

7) a) 4 eggs as a fraction of a dozen

   b) 15 minutes as a fraction of a hour.

   c) 25 cents as a fraction of a dollar.

8) For each of the following find the equivalent fraction

a) $\frac{5}{8} = \frac{\square}{32}$ b) $\frac{9}{16} = \frac{\square}{64}$ c) $\frac{1}{2} = \frac{\square}{30}$ d) $\frac{3}{4} = \frac{\square}{12}$ e) $\frac{7}{9} = \frac{\square}{27}$ f) $\frac{20}{24} = \frac{5}{6}$ h) $\frac{7}{8} = \frac{42}{\square}$ i) $\frac{2}{3} = \frac{\square}{15}$

j) $\frac{6}{8} = \frac{\square}{16}$ k) $\frac{\square}{100} = \frac{1}{20}$ l) $\frac{45}{300} = \frac{\square}{100}$ m) $\frac{2}{1} = \frac{32}{\square}$ n) $\frac{8}{\square} = \frac{4}{2}$ o) $\frac{5}{6} = \frac{\square}{24}$ p) $\frac{1}{23} = \frac{\square}{20}$ q) $\frac{6}{6} = \frac{\square}{36}$

r) $\frac{30}{40} = \frac{\square}{200}$ s) $\frac{3}{8} = \frac{30}{\square}$ t) $\frac{\square}{16} = \frac{2}{8}$ u) $\frac{7}{1} = \frac{\square}{3}$ v) $\frac{8}{14} = \frac{\square}{84}$ w) $\frac{5}{50} = \frac{\square}{100}$ x) $\frac{2}{21} = \frac{6}{63}$

Attachments

Sheet 137 Equivalent Fractions.docx

Solutions Grade 8 Review of fractions PRE TEST (Gr 7 fraction test).doc