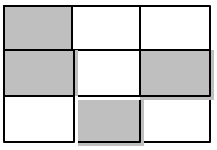
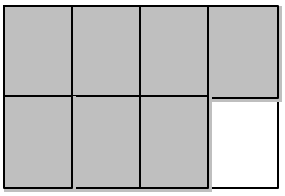
Fractions test

1d no calculator

name.....

1) What fraction of the diagram is shaded ?

a) 

b) 

c) 

d) 

2) Evaluate

a) $\frac{1}{5}$ of 40 =

b) $\frac{1}{2}$ of 12 =

c) $\frac{1}{3}$ of 36 =

d) $\frac{1}{6}$ of 30 =

e) $\frac{1}{10}$ of 50 =

f) $\frac{1}{9}$ of 27 =

g) $\frac{1}{2}$ of 22 =

3) In the fraction $\frac{4}{7}$, what is the

a) numerator

b) denominator

4) a) $\frac{1}{3} = \frac{\quad}{6}$

b) $\frac{2}{5} = \frac{\quad}{35}$

c) $\frac{3}{7} = \frac{\quad}{21}$

d) $\frac{4}{9} = \frac{\quad}{18}$

e) $\frac{3}{5} = \frac{\quad}{40}$

f) $\frac{8}{9} = \frac{\quad}{90}$

g) $\frac{3}{11} = \frac{\quad}{88}$

5) Reduce to lowest form

a) $\frac{15}{50} = \frac{\quad}{10}$

b) $\frac{8}{12} = \frac{\quad}{3}$

c) $\frac{8}{32} = \frac{\quad}{\quad}$

d) $\frac{8}{18} = \frac{\quad}{\quad}$

e) $\frac{7}{28} = \frac{\quad}{\quad}$

6) Convert to decimals

a) $\frac{3}{10}$ =

b) $\frac{67}{100}$ =

c) $\frac{4}{100}$ =

d) $\frac{37}{1000}$ =

parents' signature and comment

7) Convert to mixed numerals

a) $\frac{32}{7}$ =

b) $\frac{13}{8}$ =

c) $\frac{44}{5}$ =

d) $\frac{24}{9}$ =

e) $\frac{22}{6}$ =

f) $\frac{38}{5}$ =

8) Convert to improper fractions

a) $2\frac{2}{3}$ =

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

c) $2\frac{2}{5}$ =

d) $3\frac{4}{7}$ =

e) $5\frac{5}{6}$ =

f) $8\frac{2}{5}$ =

9) Simplify

a) $\frac{4}{12} + \frac{3}{12}$ =

b) $\frac{1}{6} + \frac{4}{6}$ =

c) $\frac{2}{7} + \frac{1}{7}$ =

d) $\frac{1}{10} + \frac{5}{10}$ =

e) $\frac{13}{20} + \frac{5}{20}$ =

f) $\frac{6}{11} + \frac{3}{11}$ =