

Fractions test

3a no calculator

name.....

1) Evaluate

a) $\frac{3}{8}$ of 56 =

b) $\frac{2}{3}$ of 18 =

c) $\frac{1}{5}$ of 30 =

d) $\frac{6}{7}$ of 35 =

e) $\frac{4}{10}$ of 30 =

2) a) $\frac{1}{3} = \frac{\quad}{24}$

b) $\frac{2}{3} = \frac{\quad}{45}$

c) $\frac{3}{4} = \frac{\quad}{20}$

3) Reduce to lowest form

a) $\frac{24}{48} =$

b) $\frac{30}{75} =$

c) $\frac{120}{140} =$

4) Convert to mixed numerals (cancel down where necessary).

a) $\frac{67}{7} =$

b) $\frac{34}{8} =$

c) $\frac{33}{5} =$

5) Convert to improper fractions

a) $4 \frac{2}{7} =$

b) $9 \frac{3}{40} =$

c) $3 \frac{5}{8} =$

6) Convert to decimals

a) $\frac{3}{100} =$

b) $\frac{51}{10000} =$

c) $\frac{14}{1000} =$

7) Evaluate

a) $\frac{1}{6} + \frac{1}{5}$

b) $\frac{4}{15} + \frac{3}{5}$

c) $\frac{4}{9} - \frac{1}{6}$

d) $\frac{5}{8} - \frac{1}{6}$

e) $3 \frac{2}{3} + 4 \frac{1}{5}$

f) $4 \frac{3}{4} + 6 \frac{1}{5}$

g) $5 \frac{2}{7} - 4 \frac{1}{2}$

h) $6 \frac{1}{3} - 4 \frac{4}{7}$

i) $5 \frac{7}{10} + 1 \frac{1}{5}$