

Fractions test

3c no calculator

name.....

1) Evaluate

a) $\frac{5}{7}$ of 56 =

b) $\frac{2}{5}$ of 20 =

c) $\frac{1}{3}$ of 90 =

d) $\frac{4}{7}$ of 42 =

e) $\frac{7}{10}$ of 30 =

2) a) $\frac{1}{8} = \frac{\quad}{32}$

b) $\frac{3}{5} = \frac{\quad}{45}$

c) $\frac{2}{9} = \frac{\quad}{27}$

3) Reduce to lowest form

a) $\frac{24}{84} =$

b) $\frac{45}{75} =$

c) $\frac{110}{132} =$

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

a) $\frac{59}{7} =$

b) $\frac{37}{8} =$

c) $\frac{43}{5} =$

5) Convert to improper fractions

a) $5\frac{3}{7} =$

b) $5\frac{3}{30} =$

c) $7\frac{1}{6} =$

6) Convert to decimals

a) $\frac{9}{100} =$

b) $\frac{354}{10000} =$

c) $\frac{54}{1000} =$

7) Evaluate

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

b) $\frac{3}{8} + \frac{1}{6}$

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

d) $\frac{7}{10} - \frac{5}{12}$

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

f) $4\frac{5}{8} + 2\frac{1}{5}$

g) $7\frac{2}{5} - 2\frac{1}{3}$

h) $7\frac{5}{9} - 5\frac{2}{7}$

i) $2\frac{8}{15} + 1\frac{4}{5}$