

Fractions test

2a no calculator

name.....

1) Evaluate

a) $\frac{1}{5}$ of 55 =

b) $\frac{1}{6}$ of 18 =

c) $\frac{1}{4}$ of 60 =

d) $\frac{1}{9}$ of 45 =

e) $\frac{1}{10}$ of 70 =

2) a) $\frac{1}{5} = \frac{\quad}{20}$

b) $\frac{2}{3} = \frac{\quad}{36}$

c) $\frac{1}{4} = \frac{\quad}{32}$

d) $\frac{2}{7} = \frac{\quad}{63}$

e) $\frac{3}{8} = \frac{\quad}{56}$

3) Reduce to lowest form

a) $\frac{24}{40} =$

b) $\frac{8}{24} =$

c) $\frac{15}{40} =$

d) $\frac{9}{12} =$

e) $\frac{21}{35} =$

4) Convert to mixed numerals

a) $\frac{45}{7} =$

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

c) $\frac{20}{5} =$

d) $\frac{58}{9} =$

5) Convert to improper fractions

a) $6 \frac{2}{7} =$

b) $4 \frac{3}{5} =$

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

d) $3 \frac{3}{9} =$

e) $7 \frac{2}{3} =$

6) Convert to decimals

a) $\frac{7}{100} =$

b) $\frac{57}{100} =$

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

d) $\frac{49}{1000} =$

e) $\frac{147}{1000} =$

7) Evaluate

a) $\frac{3}{4} + \frac{4}{5}$

= $\frac{\quad}{20} + \frac{\quad}{20}$

=

b) $\frac{3}{6} + \frac{4}{9}$

= $\frac{\quad}{18} + \frac{\quad}{18}$

=

c) $\frac{1}{2} - \frac{3}{5}$

= $\frac{\quad}{10} - \frac{\quad}{10}$

=

d) $\frac{3}{8} - \frac{1}{5}$

= $\frac{\quad}{40} - \frac{\quad}{40}$

=

e) $\frac{3}{10} + \frac{2}{15}$

= $\frac{\quad}{30} + \frac{\quad}{30}$

=

f) $\frac{3}{7} + \frac{2}{4}$

= $\frac{\quad}{28} + \frac{\quad}{28}$

=

g) $\frac{7}{12} - \frac{2}{9}$

= $\frac{\quad}{36} - \frac{\quad}{36}$

=

8) Find the larger fraction by first converting to a common denominator.

a) $\frac{3}{4}$ or $\frac{4}{5}$

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

$\frac{4}{5} = \frac{\quad}{20}$

..... is larger

b) $\frac{5}{8}$ or $\frac{7}{12}$

$\frac{5}{8} = \frac{\quad}{24}$

$\frac{7}{12} = \frac{\quad}{24}$