

Fractions test

2b no calculator

name.....

1) Evaluate

- a) $\frac{1}{4}$ of 52 =
- b) $\frac{1}{6}$ of 36 =
- c) $\frac{1}{4}$ of 80 =
- d) $\frac{1}{5}$ of 45 =
- e) $\frac{1}{10}$ of 120 =

5) Convert to improper fractions

- a) $4 \frac{2}{7}$ =
- b) $3 \frac{3}{5}$ =
- c) $7 \frac{5}{8}$ =
- d) $9 \frac{1}{2}$ =
- e) $3 \frac{2}{3}$ =

6) Convert to decimals

- a) $\frac{52}{100}$ =
- b) $\frac{7}{100}$ =
- c) $\frac{6}{10}$ =
- d) $\frac{21}{1000}$ =
- e) $\frac{7}{1000}$ =

7) Evaluate

- a) $\frac{3}{5} + \frac{1}{6}$
- = $\frac{30}{30} + \frac{5}{30}$
- =

- b) $\frac{1}{7} + \frac{4}{9}$
- = $\frac{9}{63} + \frac{28}{63}$
- =

- c) $\frac{11}{15} - \frac{3}{5}$
- = $\frac{11}{15} - \frac{6}{15}$
- =

3) Reduce to lowest form

- a) $\frac{16}{40}$ =
- b) $\frac{12}{24}$ =
- c) $\frac{25}{40}$ =
- d) $\frac{9}{33}$ =
- e) $\frac{15}{35}$ =

4) Convert to mixed numerals

- a) $\frac{55}{7}$ =
- b) $\frac{17}{8}$ =
- c) $\frac{14}{5}$ =
- d) $\frac{34}{9}$ =

d) $\frac{7}{9} - \frac{1}{6}$

= $\frac{14}{18} - \frac{3}{18}$

=

e) $\frac{7}{10} + \frac{1}{15}$

= $\frac{14}{30} + \frac{2}{30}$

=

f) $\frac{2}{7} + \frac{1}{4}$

= $\frac{8}{28} + \frac{7}{28}$

=

g) $\frac{7}{11} - \frac{2}{9}$

= $\frac{63}{99} - \frac{22}{99}$

=

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

a) $\frac{3}{4}$ or $\frac{7}{9}$

$\frac{3}{4} = \frac{27}{36}$

$\frac{7}{9} = \frac{28}{36}$

..... is larger

b) $\frac{3}{8}$ or $\frac{5}{12}$

$\frac{3}{8} = \frac{9}{24}$

$\frac{5}{12} = \frac{10}{24}$