

Fractions test

3b no calculator

name.....

1) Evaluate

a) $\frac{5}{8}$ of 56 =

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

c) $\frac{1}{5}$ of 70 =

d) $\frac{6}{7}$ of 49 =

e) $\frac{3}{10}$ of 30 =

2) a) $\frac{1}{8} = \frac{\quad}{24}$

b) $\frac{2}{5} = \frac{\quad}{45}$

c) $\frac{3}{9} = \frac{\quad}{27}$

3) Reduce to lowest form

a) $\frac{24}{60} =$

b) $\frac{35}{75} =$

c) $\frac{110}{121} =$

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

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

b) $\frac{66}{8} =$

c) $\frac{36}{5} =$

5) Convert to improper fractions

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

b) $4\frac{3}{40} =$

c) $3\frac{5}{6} =$

6) Convert to decimals

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

b) $\frac{122}{10000} =$

c) $\frac{64}{1000} =$

7) Evaluate

a) $\frac{1}{7} + \frac{1}{5}$

b) $\frac{3}{4} + \frac{1}{6}$

c) $\frac{5}{9} - \frac{1}{6}$

d) $\frac{3}{10} - \frac{1}{12}$

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

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

g) $6\frac{2}{5} - 2\frac{1}{2}$

h) $9\frac{3}{8} - 4\frac{1}{7}$

i) $3\frac{7}{15} + 1\frac{1}{5}$