

More fractions

test 3a

name date

1) a) $\frac{4}{7} = \frac{\quad}{63}$

b) $\frac{3}{5} = \frac{\quad}{15}$

2) Reduce to lowest form

a) $\frac{28}{40} =$

b) $\frac{25}{55} =$

3) Convert to improper fractions

a) $2\frac{1}{6} =$

b) $7\frac{8}{9} =$

4) Convert to mixed numerals

a) $\frac{35}{9} =$

b) $\frac{47}{4} =$

5) Simplify

a) $3\frac{2}{5} \times 1\frac{5}{6}$

b) $3\frac{1}{5} \times 1\frac{3}{4}$

c) $6\frac{1}{4} \div 1\frac{5}{8}$

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

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

c) $\frac{3}{8} \times 1\frac{2}{6} + \frac{1}{5} \times 1\frac{1}{2}$

d) $\frac{3}{4} + 1\frac{1}{8} \div 2\frac{1}{6}$

e) $\frac{3}{8} - 1\frac{1}{5} \times \frac{1}{3}$

7) a) $\frac{1}{2}$ of 3 kg
= grams

b) $\frac{3}{5}$ of 2 litres
= ml

c) $\frac{3}{4}$ of 2 hours
= minutes

d) $\frac{3}{7}$ of 5 weeks
= days

e) $\frac{3}{5}$ of 3 metres
= cm

f) $\frac{5}{6}$ of 3 years
= months

8) What fraction is:

a) 30 cm of 1 metre

b) 25 minutes of 2 hours

c) 30 mm of 2 metres

d) 8 hours of 3 days