

More fractions

test 3b

name date

1) a) $\frac{3}{8} = \frac{\quad}{32}$

b) $\frac{3}{7} = \frac{\quad}{42}$

2) Reduce to lowest form

a) $\frac{12}{48} =$

b) $\frac{30}{75} =$

3) Convert to improper fractions

a) $4\frac{5}{6} =$

b) $2\frac{4}{9} =$

4) Convert to mixed numerals

a) $\frac{35}{11} =$

b) $\frac{47}{5} =$

5) Simplify

a) $3\frac{2}{4} \times 1\frac{1}{6}$

b) $3\frac{1}{8} \times 1\frac{1}{5}$

c) $2\frac{1}{4} \div 1\frac{1}{8}$

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

b) $\frac{5}{6} - \frac{5}{9}$

c) $\frac{1}{4} \times 2\frac{2}{3} + \frac{5}{6} \times 1\frac{1}{2}$

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

e) $\frac{3}{5} - 1\frac{1}{5} \times \frac{1}{10}$

7) a) $\frac{1}{4}$ of 5 kg
= grams

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

c) $\frac{3}{8}$ of 2 hours
= minutes

d) $\frac{2}{7}$ of 3 weeks
= days

e) $\frac{1}{2}$ of 5 metres
= cm

f) $\frac{3}{4}$ of 3 years
= months

8) What fraction is:

a) 40 cm of 3 metre

b) 45 minutes of 4 hours

c) 90 mm of 2 metres

d) 18 hours of 4 days