

More fractions

test 3c

name date

1) a) $\frac{2}{9} = \frac{\quad}{45}$

b) $\frac{2}{7} = \frac{\quad}{49}$

2) Reduce to lowest form

a) $\frac{32}{48} =$

b) $\frac{50}{75} =$

3) Convert to improper fractions

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

b) $8\frac{4}{9} =$

4) Convert to mixed numerals

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

b) $\frac{41}{5} =$

5) Simplify

a) $2\frac{1}{4} \times 1\frac{5}{6}$

b) $2\frac{3}{8} \times 1\frac{1}{5}$

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

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

b) $\frac{5}{6} - \frac{3}{8}$

c) $\frac{3}{4} \times 2\frac{1}{3} + \frac{4}{9} \times 1\frac{1}{2}$

d) $\frac{1}{3} + 3\frac{1}{2} \div 5\frac{1}{4}$

e) $\frac{3}{4} - 1\frac{1}{5} \times \frac{1}{8}$

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

b) $\frac{5}{6}$ of 3 litres
= ml

c) $\frac{7}{8}$ of 4 hours
= minutes

d) $\frac{5}{7}$ of 9 weeks
= days

e) $\frac{1}{4}$ of 5 metres
= cm

f) $\frac{2}{3}$ of 3 years
= months

8) What fraction is:

a) 50 cm of 3 metre

b) 40 minutes of 3 hours

c) 80 mm of 2 metres

d) 20 hours of 5 days