

More fractions

test 1e

name date

1) a) $\frac{1}{2} = \frac{\quad}{14}$
 b) $\frac{4}{7} = \frac{\quad}{35}$
 c) $\frac{3}{5} = \frac{\quad}{40}$
 d) $\frac{1}{3} = \frac{\quad}{60}$
 e) $\frac{4}{9} = \frac{\quad}{18}$
 f) $\frac{5}{8} = \frac{\quad}{56}$
 g) $\frac{5}{7} = \frac{\quad}{35}$

2) Reduce to lowest form

a) $\frac{3}{12} =$
 b) $\frac{8}{28} =$
 c) $\frac{5}{25} =$
 d) $\frac{25}{45} =$
 e) $\frac{40}{90} =$
 f) $\frac{45}{81} =$
 g) $\frac{12}{42} =$

3) Convert to improper fractions

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

4) Convert to mixed numerals

a) $\frac{14}{3} =$
 b) $\frac{33}{5} =$
 c) $\frac{37}{8} =$
 d) $\frac{25}{4} =$
 e) $\frac{32}{4} =$
 f) $\frac{15}{2} =$
 g) $\frac{55}{9} =$

5) Simplify

a) $\frac{1}{4} \times \frac{3}{8}$
 =
 b) $\frac{3}{5} \times \frac{5}{8}$
 =
 c) $\frac{2}{5} \times \frac{3}{7}$
 =
 d) $\frac{7}{8} \times \frac{2}{3}$
 =
 e) $\frac{2}{3} \times \frac{6}{9}$
 =
 f) $\frac{5}{6} \times \frac{1}{5}$
 =
 g) $\frac{3}{8} \times \frac{4}{9}$
 =

6) Simplify

a) $\frac{1}{3} \div \frac{2}{7}$
 = $\frac{1}{3} \times$
 =
 b) $\frac{1}{8} \div \frac{7}{9}$
 = $\frac{1}{8} \times$
 =
 c) $\frac{2}{5} \div \frac{7}{8}$
 = $\frac{2}{5} \times$
 =
 d) $\frac{1}{6} \div \frac{4}{7}$
 = $\frac{1}{6} \times$
 =
 7) a) $\frac{1}{2}$ of 18
 =
 b) $\frac{1}{5}$ of 25
 =
 c) $\frac{1}{3}$ of 21
 =
 d) $\frac{1}{9}$ of 72
 =
 e) $\frac{1}{2}$ of 16
 =
 f) $\frac{1}{4}$ of 32
 =
 g) $\frac{1}{6}$ of 60
 =

parents' signature and comment