

More fractions

test 1d

name date

1) a) $\frac{1}{2} = \frac{\quad}{12}$
 b) $\frac{4}{7} = \frac{\quad}{14}$
 c) $\frac{3}{5} = \frac{\quad}{35}$
 d) $\frac{1}{3} = \frac{\quad}{18}$
 e) $\frac{4}{9} = \frac{\quad}{36}$
 f) $\frac{5}{8} = \frac{\quad}{32}$
 g) $\frac{5}{7} = \frac{\quad}{49}$

2) Reduce to lowest form

a) $\frac{6}{12} =$
 b) $\frac{8}{20} =$
 c) $\frac{6}{16} =$
 d) $\frac{25}{55} =$
 e) $\frac{10}{90} =$
 f) $\frac{45}{63} =$
 g) $\frac{18}{42} =$

3) Convert to improper fractions

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

4) Convert to mixed numerals

a) $\frac{19}{3} =$
 b) $\frac{23}{5} =$
 c) $\frac{27}{8} =$
 d) $\frac{15}{4} =$
 e) $\frac{32}{8} =$
 f) $\frac{13}{2} =$
 g) $\frac{55}{7} =$

5) Simplify

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

6) Simplify

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

7) a) $\frac{1}{2}$ of 44
 =
 b) $\frac{1}{5}$ of 45
 =
 c) $\frac{1}{3}$ of 27
 =
 d) $\frac{1}{9}$ of 45
 =
 e) $\frac{1}{2}$ of 20
 =
 f) $\frac{1}{4}$ of 28
 =
 g) $\frac{1}{6}$ of 30
 =

parents' signature and comment