

More fractions

test 1b

name date

1) a) $\frac{1}{2} = \frac{\quad}{8}$
 b) $\frac{2}{5} = \frac{\quad}{15}$
 c) $\frac{3}{7} = \frac{\quad}{35}$
 d) $\frac{1}{3} = \frac{\quad}{6}$
 e) $\frac{4}{5} = \frac{\quad}{45}$
 f) $\frac{5}{6} = \frac{\quad}{36}$
 g) $\frac{2}{7} = \frac{\quad}{28}$

2) Reduce to lowest form

a) $\frac{4}{8} =$
 b) $\frac{4}{20} =$
 c) $\frac{4}{18} =$
 d) $\frac{15}{35} =$
 e) $\frac{30}{70} =$
 f) $\frac{36}{63} =$
 g) $\frac{12}{42} =$

3) Convert to improper fractions

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

4) Convert to mixed numerals

a) $\frac{13}{2} =$
 b) $\frac{23}{5} =$
 c) $\frac{45}{8} =$
 d) $\frac{13}{4} =$
 e) $\frac{35}{5} =$
 f) $\frac{14}{3} =$
 g) $\frac{54}{7} =$

5) Simplify

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

6) Simplify

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

7) a) $\frac{1}{2}$ of 30
 =
 b) $\frac{1}{5}$ of 45
 =
 c) $\frac{1}{3}$ of 24
 =
 d) $\frac{1}{9}$ of 54
 =
 e) $\frac{1}{2}$ of 70
 =
 f) $\frac{1}{4}$ of 100
 =
 g) $\frac{1}{6}$ of 18
 =

parents' signature and comment