

More fractions

test 1a

name

date.....

- 1) a) $\frac{1}{2} = \frac{\quad}{6}$
 b) $\frac{2}{5} = \frac{\quad}{10}$
 c) $\frac{3}{7} = \frac{\quad}{14}$
 d) $\frac{1}{3} = \frac{\quad}{9}$
 e) $\frac{5}{9} = \frac{\quad}{45}$
 f) $\frac{5}{8} = \frac{\quad}{80}$
 g) $\frac{3}{7} = \frac{\quad}{28}$

2) Reduce to lowest form

- a) $\frac{6}{8} =$
 b) $\frac{4}{12} =$
 c) $\frac{4}{14} =$
 d) $\frac{25}{35} =$
 e) $\frac{60}{70} =$
 f) $\frac{45}{63} =$
 g) $\frac{12}{30} =$

3) Convert to improper fractions

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

4) Convert to mixed numerals

- a) $\frac{11}{2} =$
 b) $\frac{12}{5} =$
 c) $\frac{27}{8} =$
 d) $\frac{37}{4} =$
 e) $\frac{56}{8} =$
 f) $\frac{17}{2} =$
 g) $\frac{15}{7} =$

5) Simplify

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

6) Simplify

- a) $\frac{1}{3} \div \frac{5}{8}$
 = $\frac{1}{3} \times$
 =
 b) $\frac{2}{7} \div \frac{3}{8}$
 = $\frac{2}{7} \times$
 =
 c) $\frac{2}{9} \div \frac{5}{6}$
 = $\frac{2}{9} \times$
 =
 d) $\frac{1}{7} \div \frac{5}{6}$
 = $\frac{1}{7} \times$
 =

- 7) a) $\frac{1}{2}$ of 50
 =
 b) $\frac{1}{5}$ of 30
 =
 c) $\frac{1}{3}$ of 21
 =
 d) $\frac{1}{9}$ of 36
 =
 e) $\frac{1}{2}$ of 30
 =
 f) $\frac{1}{4}$ of 64
 =
 g) $\frac{1}{6}$ of 54
 =

parents' signature and comment