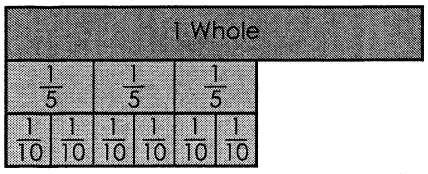
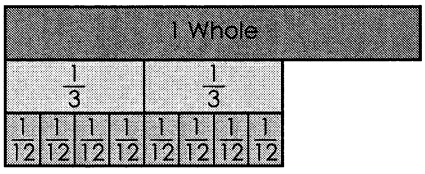
Name: _____

Fractions

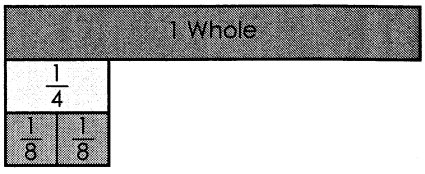
Fill in the missing numerator from each fraction.



$\frac{3}{5} = \frac{\quad}{10}$

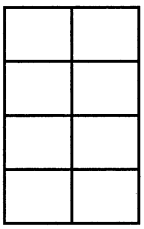


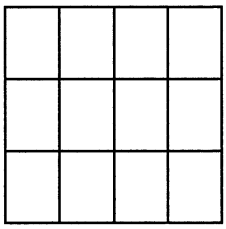
$\frac{2}{3} = \frac{\quad}{12}$

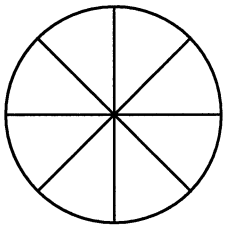


$\frac{1}{4} = \frac{\quad}{8}$

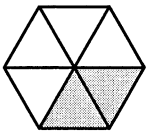
Color $\frac{3}{4}$ of each shape.



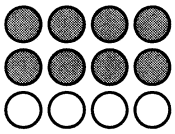




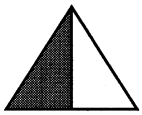
Write three equivalent fractions for the shaded portion of each illustration.



_____=_____=_____



_____=_____=_____



_____=_____=_____

Circle the fractions that are in simplest form. Write the simplest form of each fraction that can be simplified.

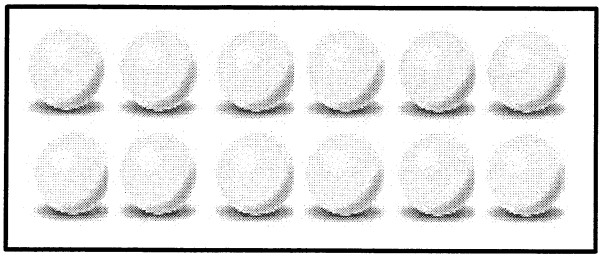
$\frac{1}{4}$ $\frac{6}{8}$ $\frac{6}{12}$

$\frac{2}{3}$ $\frac{4}{10}$ $\frac{5}{8}$

Name: _____

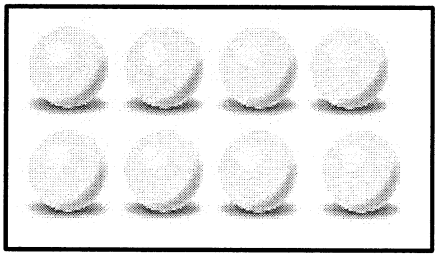
Fractions of Groups

a. Color $\frac{2}{3}$ of the marbles.



$\frac{2}{3}$ of 12 = _____

b. Color $\frac{3}{4}$ of the marbles.



$\frac{3}{4}$ of 8 = _____

c. $\frac{2}{5}$ of 10 = _____

d. $\frac{5}{9}$ of 27 = _____

e. $\frac{3}{5}$ of 25 = _____

f. $\frac{2}{2}$ of 13 = _____

g. $\frac{1}{9}$ of 18 = _____

h. $\frac{3}{7}$ of 28 = _____

h. $\frac{3}{4}$ of 16 = _____

i. $\frac{7}{8}$ of 32 = _____

j. $\frac{2}{3}$ of 15 = _____

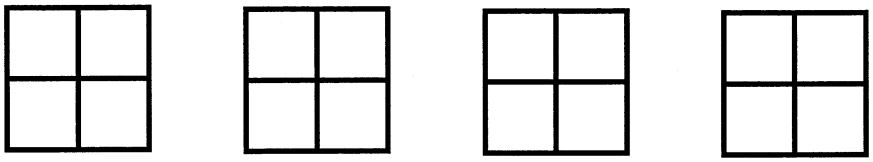
k. Mason's car has a gas tank that holds 24 gallons of gas. The tank is exactly $\frac{1}{4}$ full. How many gallons of gas are in Mason's car? _____

l. Ella has 11 picture books and 7 chapter books in a box. She gives $\frac{2}{3}$ of these books to her younger cousin. How many books did Ella give to her cousin? _____

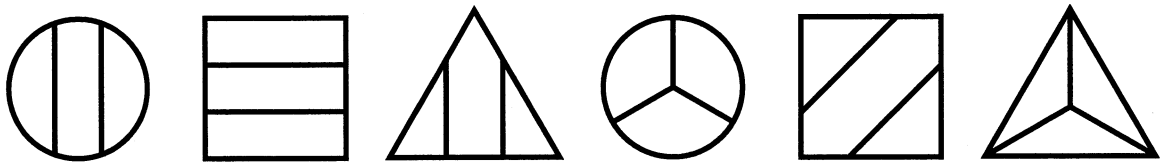
Name: _____

Fraction Stumpers

1. Show four different ways to color half of each square below.



2. Circle the shapes that are divided into thirds. Draw an X over the shapes that are not divided into thirds.



3. Two-fourths is _____ pieces of the whole.

   Three-fifths is _____ pieces of the whole.

   Seven-tenths is _____ pieces of the whole.

4. Below, you see one-fourth of the marbles in Pat's bag. Add to the picture to show all the marbles in Pat's bag.

5. Below, you see one-third of the carrots in the refrigerator. Add to the picture to show all the carrots in the refrigerator.

Name: _____

Improper Fractions & Mixed Numbers

Write each mixed number as an improper fraction

a. $2\frac{1}{4} =$ **b.** $8\frac{3}{8} =$ **c.** $2\frac{5}{6} =$ **d.** $4\frac{1}{2} =$

e. $5\frac{1}{3} =$ **f.** $10\frac{7}{12} =$ **g.** $9\frac{1}{4} =$ **h.** $6\frac{5}{6} =$

i. $7\frac{5}{6} =$ **j.** $10\frac{3}{7} =$ **k.** $11\frac{1}{3} =$ **l.** $20\frac{1}{2} =$

Write each improper fraction as a mixed number.

m. $\frac{7}{5} =$ **n.** $\frac{9}{4} =$ **o.** $\frac{5}{3} =$ **p.** $\frac{22}{9} =$

q. $\frac{13}{7} =$ **r.** $\frac{9}{2} =$ **s.** $\frac{17}{9} =$

t. $\frac{7}{3} =$ **u.** $\frac{17}{7} =$ **v.** $\frac{10}{3} =$

w. Mrs. Jones bakes pies. She always cuts each pie into 8 slices. There are 13 slices left on the counter. Write the number of pies on the counter as a mixed number and as an improper fraction.

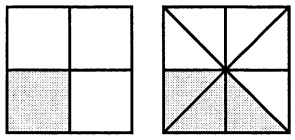
_____

Name: _____

Comparing Fractions

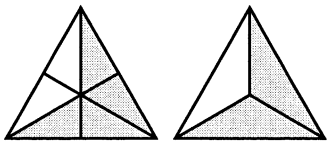
Fill in the circle with **<**, **>** or **=** for each pair of fractions.

a.



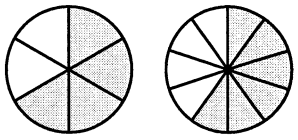
$\frac{1}{4} < \frac{3}{8}$

b.



$\frac{4}{6} \bigcirc \frac{2}{3}$

c.



$\frac{4}{6} \bigcirc \frac{6}{10}$

d. $\frac{2}{3} \bigcirc \frac{1}{5}$

e. $\frac{3}{4} \bigcirc \frac{7}{8}$

f. $\frac{3}{8} \bigcirc \frac{4}{10}$

g. $\frac{5}{8} \bigcirc \frac{1}{2}$

h. $\frac{2}{3} \bigcirc \frac{4}{6}$

i. $\frac{2}{4} \bigcirc \frac{1}{2}$

j. $\frac{1}{2} \bigcirc \frac{2}{3}$

k. $\frac{6}{8} \bigcirc \frac{3}{4}$

l. $\frac{4}{5} \bigcirc \frac{4}{6}$

m. $\frac{4}{8} \bigcirc \frac{2}{4}$

n. $\frac{1}{3} \bigcirc \frac{3}{10}$

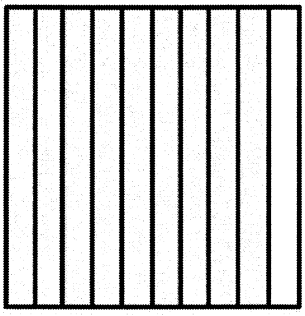
o. $\frac{8}{10} \bigcirc \frac{5}{6}$

Name: _____

Decimals: Tenths

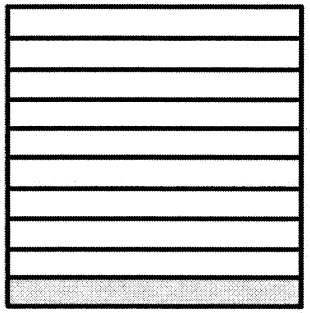
Write the decimal and the fraction shown by each square.

a.



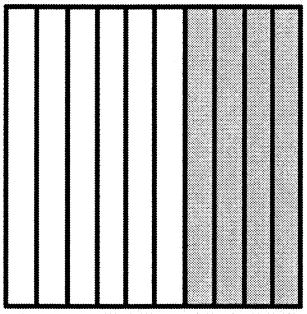
_____

b.



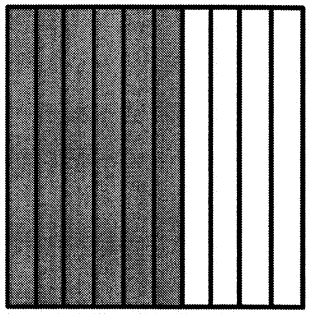
_____

c.



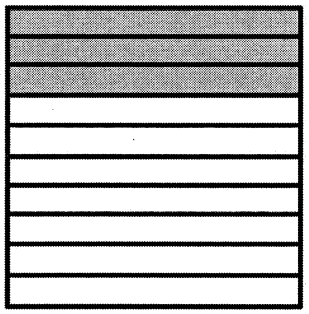
_____

d.



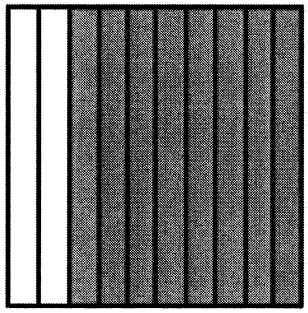
_____

e.



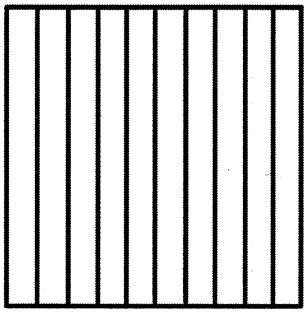
_____

f.



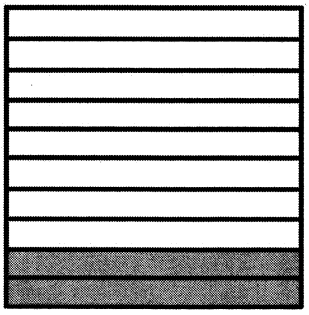
_____

g.



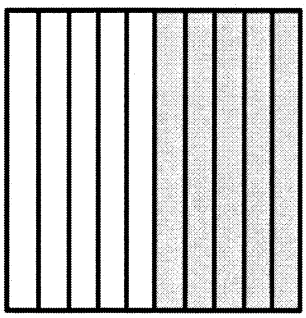
_____

h.



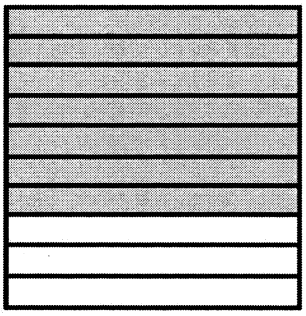
_____

i.



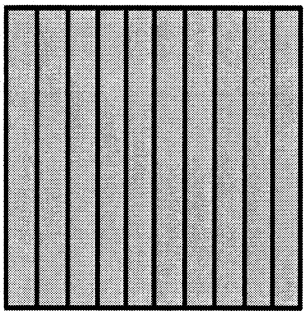
_____

j.



_____

k.



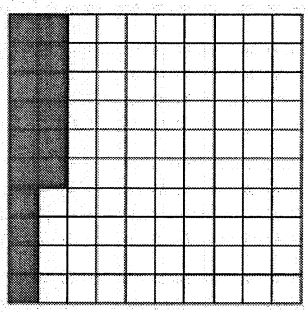
_____

Name: _____

Decimals: Hundredths

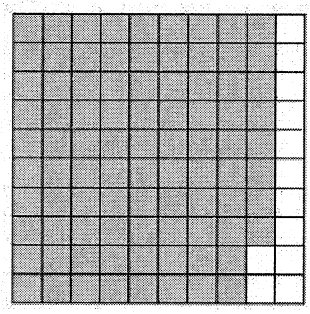
Write the decimal <u>and</u> the fraction shown by each square.

a.



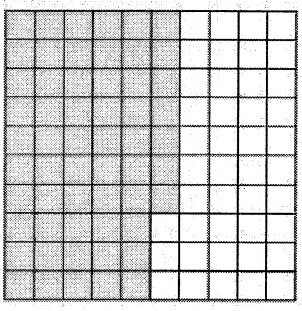
_____

b.



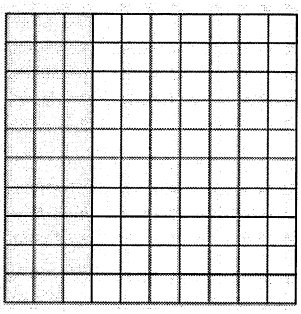
_____

c.



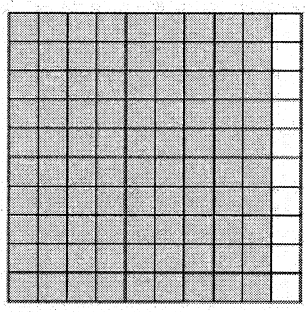
_____

d.



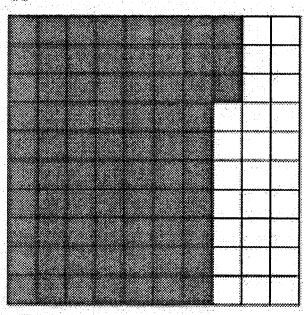
_____

e.



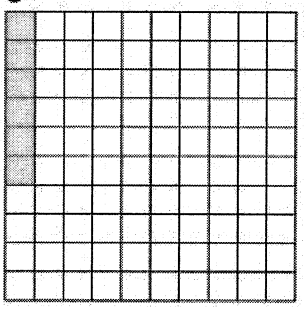
_____

f.



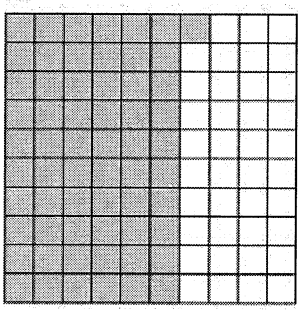
_____

g.



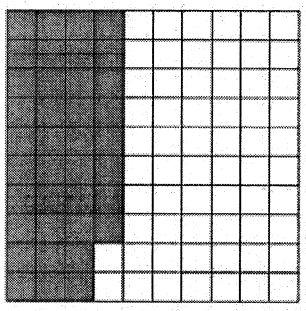
_____

h.



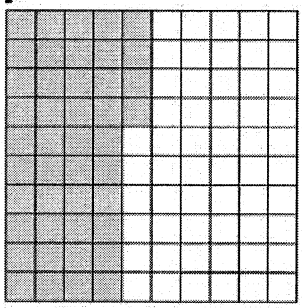
_____

i.



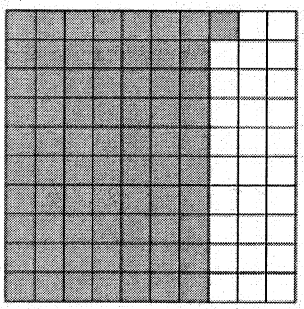
_____

j.



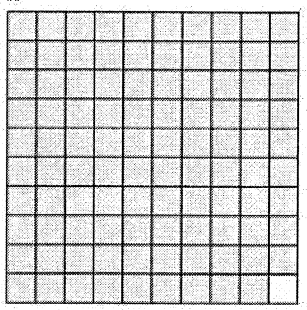
_____

k.



_____

l.



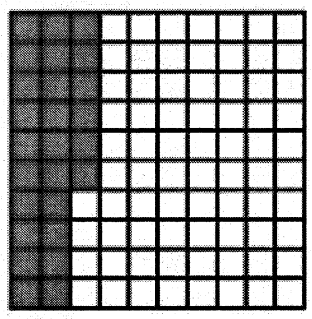
_____

Name: _____

Decimals: Hundredths and Tenths

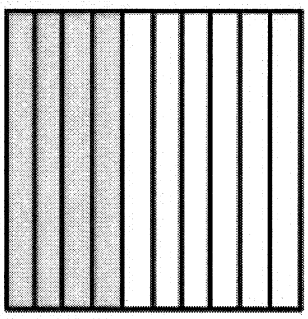
Write the decimal and the fraction of each shaded part.

a.



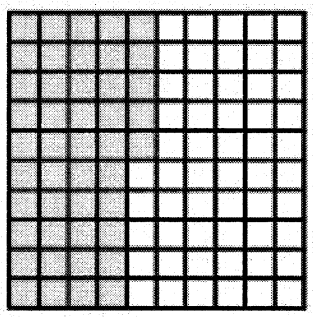
_____

b.



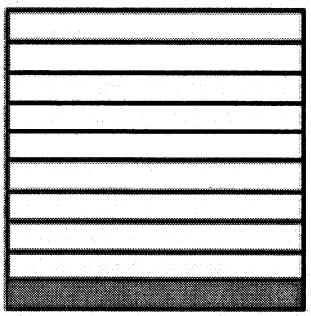
_____

c.



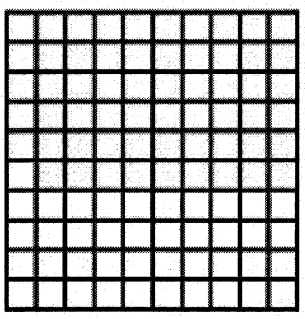
_____

d.



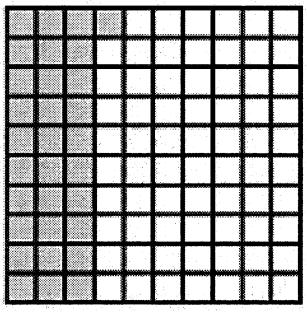
_____

e.



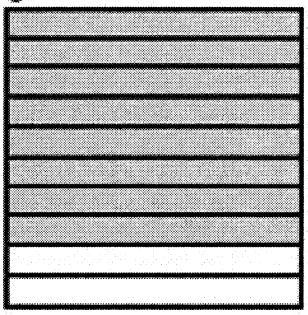
_____

f.



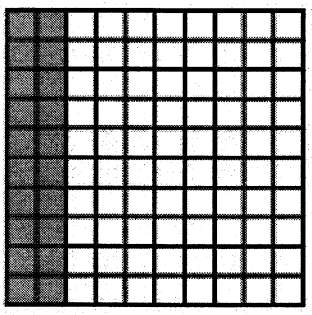
_____

g.



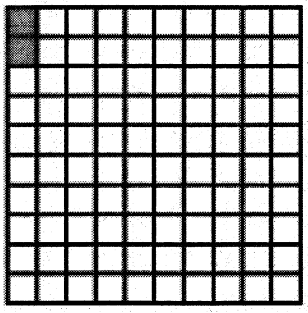
_____

h.



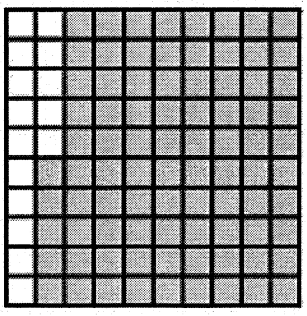
_____

i.



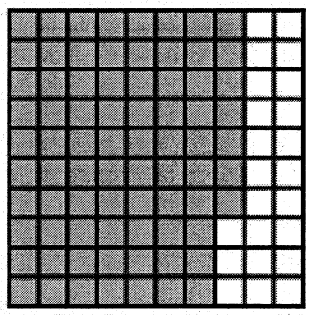
_____

j.



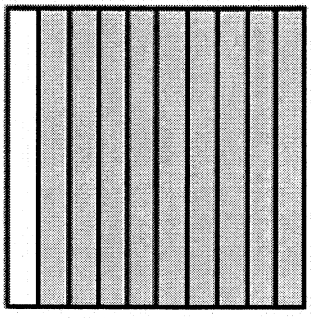
_____

k.



_____

l.



_____

Name: _____

Decimals & Mixed Numbers

Write each decimal as a fraction or mixed number. Write neatly.

examples:

14.5 - $14\frac{5}{10}$ .9 - $\frac{9}{10}$

a. .6 - **b.** .8 -

c. .2 - **d.** .4 -

e. .7 - **f.** .3 -

g. 3.5 - **h.** 8.1 -

i. 6.6 - **j.** 1.8 -

k. 9.2 - **l.** 7.4 -

m. 18.7 - **n.** 22.3 -

o. 123.5 - **p.** 968.1 -

Write each fraction or mixed number as a decimal.

examples:

$\frac{3}{10}$ - *0.3* $13\frac{7}{10}$ - *13.7*

q. $\frac{4}{10}$ - **r.** $9\frac{5}{10}$ - **s.** $17\frac{8}{10}$ -

t. $15\frac{9}{10}$ - **u.** $7\frac{1}{10}$ - **v.** $33\frac{3}{10}$ -