

Name: \_\_\_\_\_

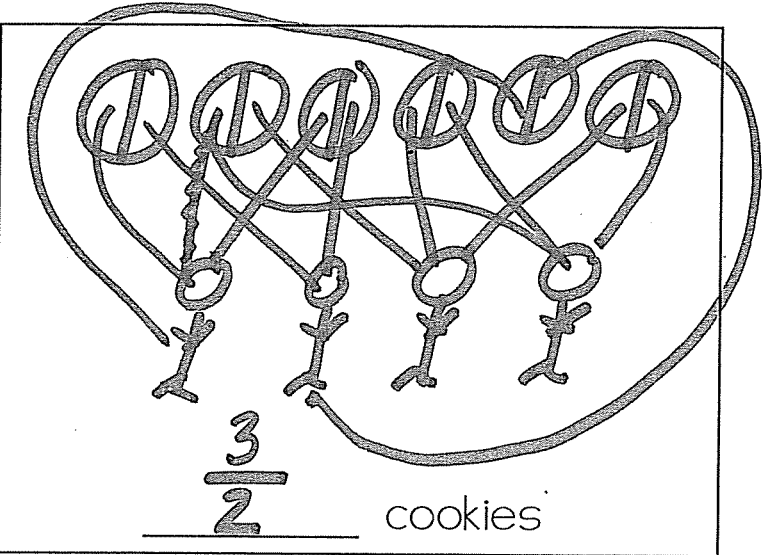
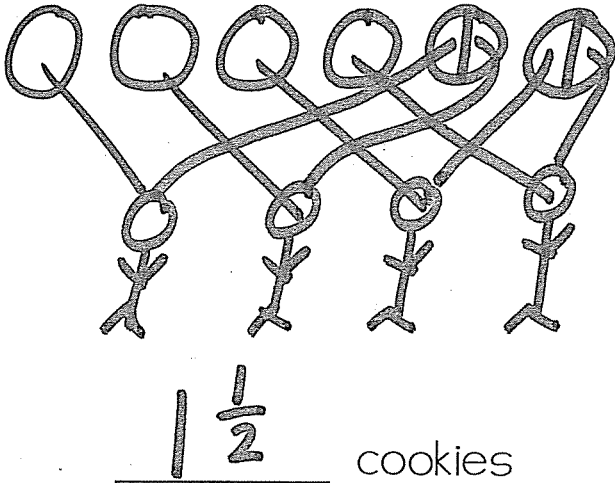
Date: \_\_\_\_\_

Parent  
signature  
(2 pts)

4th Grade Unit 3 Review  
Fractions & Decimals

Test on 1st part  
on Monday 12/19

There are 6 cookies and 4 friends want to share them evenly.  
How much would each friend get? Show your answer in two  
different ways.

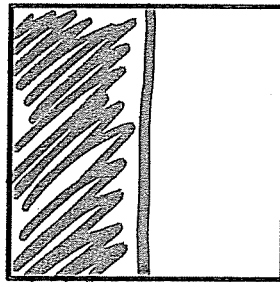
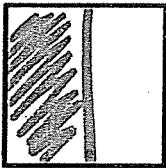


How are your answers alike?

alike because

The answers are  
they both represent  
the same amount.

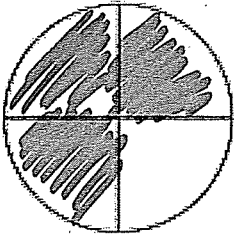
Shade  $\frac{1}{2}$  of each square.



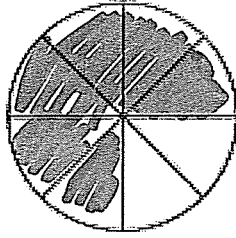
Are the halves of the two squares equal? How do you know?

No, because the squares are  
not the same size.

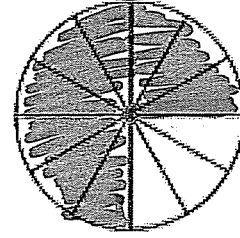
Color  $\frac{3}{4}$  of each circle. Name the colored portion.



$\frac{3}{4}$  is colored



$\frac{6}{8}$  is colored



$\frac{9}{12}$  is colored

$$\frac{1}{4} \times \frac{3}{3} = \frac{3}{12}$$

$$\frac{1}{4} \times \frac{2}{2} = \frac{2}{8}$$

$$\frac{1}{4} \times \frac{4}{4} = \frac{4}{16}$$

Identify the fractions below that are equivalent to  $\frac{1}{4}$ . You may use fraction circles to help you.

$\frac{3}{12}$  (circled)

$\frac{5}{6}$

$\frac{2}{8}$  (circled)

$\frac{3}{16}$

$\frac{5}{10}$

You may use fraction circles or the fraction number lines to help you:

a. Name 2 fractions that are equivalent to  $\frac{2}{3}$ .

$\frac{4}{6}$        $\frac{12}{18}$

b. Name 2 fractions that are equivalent to  $\frac{1}{3}$ .

$\frac{2}{6}$        $\frac{6}{18}$

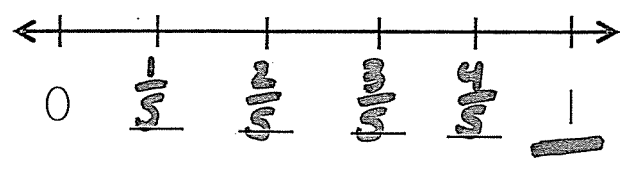
$$\frac{1}{3} \times \frac{2}{2} = \frac{2}{6}$$

$$\frac{1}{3} \times \frac{6}{6} = \frac{6}{18}$$

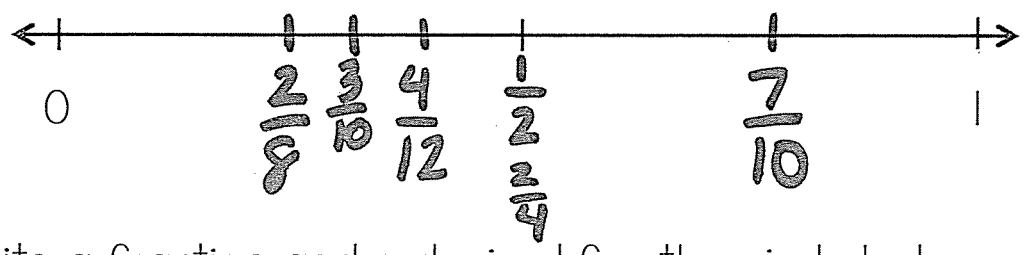
$$\frac{2}{3} \times \frac{2}{2} = \frac{4}{6}$$

$$\frac{2}{3} \times \frac{6}{6} = \frac{12}{18}$$

Write the missing fractions on the number line below.



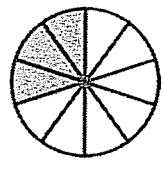
Place the following fractions on the number line below:



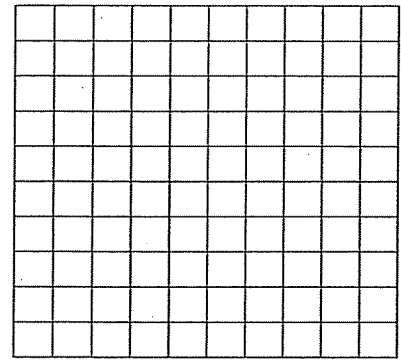
Write a fraction and a decimal for the circle below.

Fraction:  $\frac{3}{10}$

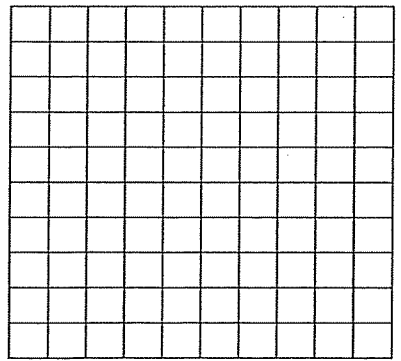
Decimal: 0.3



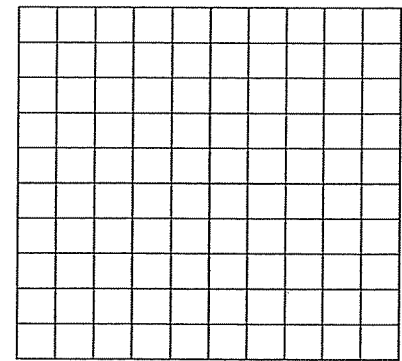
Shade each grid to help you write the following fractions as decimals.



$\frac{2}{10}$  \_\_\_\_\_



$\frac{35}{100}$  \_\_\_\_\_



$\frac{80}{100}$  \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

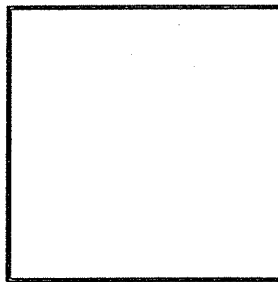
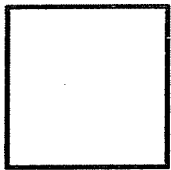
## 4<sup>th</sup> Grade Unit 3 Review Fractions & Decimals

There are 6 cookies and 4 friends want to share them evenly. How much would each friend get? Show your answer in two different ways.

_____ cookies	_____ cookies

How are your answers alike? \_\_\_\_\_

Shade  $\frac{1}{2}$  of each square.

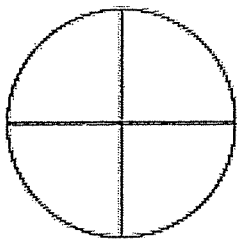


Are the halves of the two squares equal? How do you know?

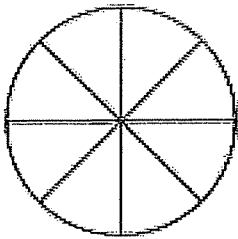
\_\_\_\_\_

\_\_\_\_\_

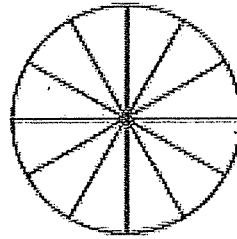
Color  $\frac{3}{4}$  of each circle. Name the colored portion.



$\frac{\quad}{4}$  is colored



$\frac{\quad}{8}$  is colored



$\frac{\quad}{12}$  is colored

Identify the fractions below that are equivalent to  $\frac{1}{4}$ . You may use fraction circles to help you.

$$\frac{3}{12}$$

$$\frac{5}{6}$$

$$\frac{2}{8}$$

$$\frac{3}{16}$$

$$\frac{5}{10}$$

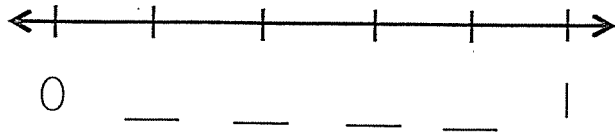
You may use fraction circles or the fraction number lines to help you:

a. Name 2 fractions that are equivalent to  $\frac{2}{3}$ .

b. Name 2 fractions that are equivalent to  $\frac{1}{3}$ .

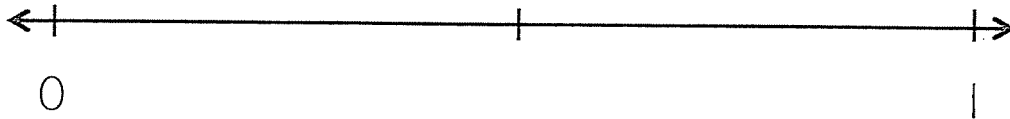
\_\_\_\_\_

Write the missing fractions on the number line below.



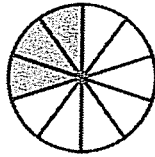
Place the following fractions on the number line below:

$\frac{2}{8}$     $\frac{7}{10}$     $\frac{2}{4}$     $\frac{4}{12}$     $\frac{3}{10}$



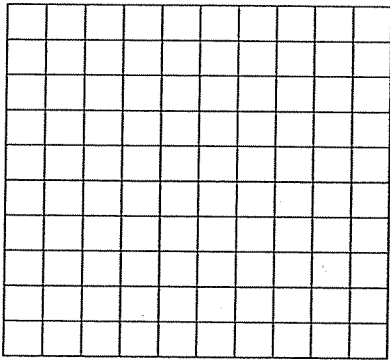
Write a fraction and a decimal for the circle below.

Fraction: \_\_\_\_\_

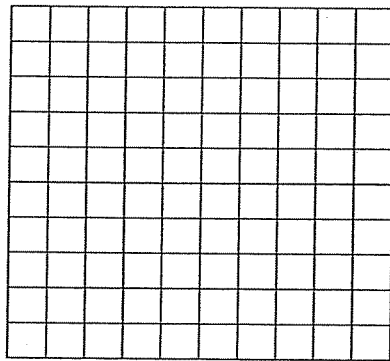


Decimal: \_\_\_\_\_

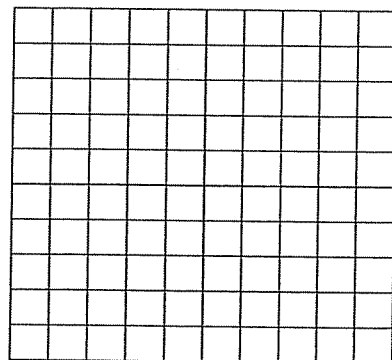
Shade each grid to help you write the following fractions as decimals.



$\frac{2}{10}$  \_\_\_\_\_



$\frac{35}{100}$  \_\_\_\_\_



$\frac{80}{100}$  \_\_\_\_\_