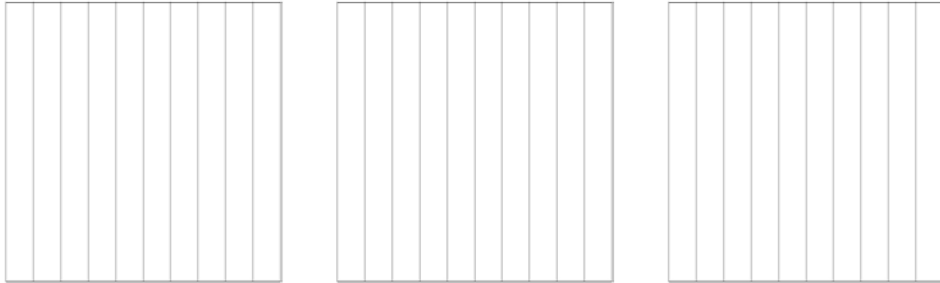


Name \_\_\_\_\_

Date \_\_\_\_\_

1. Use the area model to represent  $\frac{220}{100}$ . Complete the number sentence.

a.  $\frac{220}{100} =$  \_\_\_\_\_ tenths = \_\_\_\_\_ ones \_\_\_\_\_ tenths = \_\_.\_\_\_\_



b. In the space below, explain how you determined your answer to (a).

2. Draw number disks to represent the following decompositions:

3 ones = \_\_\_\_\_ tenths

3 tenths = \_\_\_\_\_ hundredths

ones	.	tenths	hundredths

ones	.	tenths	hundredths

2 ones 3 tenths = \_\_\_\_\_ tenths

3 tenths 3 hundredths = \_\_\_\_\_ hundredths

ones	.	tenths	hundredths

ones	.	tenths	hundredths

3. Decompose the units to represent each number as tenths.

a.  $1 = \underline{\hspace{2cm}}$  tenths

b.  $2 = \underline{\hspace{2cm}}$  tenths

c.  $1.3 = \underline{\hspace{2cm}}$  tenths

d.  $2.6 = \underline{\hspace{2cm}}$  tenths

e.  $10.3 = \underline{\hspace{2cm}}$  tenths

f.  $20.6 = \underline{\hspace{2cm}}$  tenths

4. Decompose the units to represent each number as hundredths.

a.  $1 = \underline{\hspace{2cm}}$  hundredths

b.  $2 = \underline{\hspace{2cm}}$  hundredths

c.  $1.3 = \underline{\hspace{2cm}}$  hundredths

d.  $2.6 = \underline{\hspace{2cm}}$  hundredths

e.  $10.3 = \underline{\hspace{2cm}}$  hundredths

f.  $20.6 = \underline{\hspace{2cm}}$  hundredths

5. Complete the chart. The first one has been done for you.

Decimal	Mixed Number	Tenths	Hundredths
4.1	$4\frac{1}{10}$	41 tenths $\frac{41}{10}$	410 hundredths $\frac{410}{100}$
5.3			
9.7			
10.9			
68.5			

## Answer Key

1. a. Area model accurately shaded;  
22, 2, 2, 2.2  
b. Explanations will vary.
2. 30; disks drawn to model number  
30; disks drawn to model number  
23; disks drawn to model number  
33; disks drawn to model number
3. a. 10  
b. 20  
c. 13  
d. 26  
e. 103  
f. 206
4. a. 100  
b. 200  
c. 130  
d. 260  
e. 1030  
f. 2060
5.  $5\frac{3}{10}$ ; 53 tenths,  $\frac{53}{10}$ ; 530 hundredths,  $\frac{530}{100}$   
 $9\frac{7}{10}$ ; 97 tenths,  $\frac{97}{10}$ ; 970 hundredths,  $\frac{970}{100}$   
 $10\frac{9}{10}$ ; 109 tenths,  $\frac{109}{10}$ ; 1090 hundredths,  $\frac{1090}{100}$   
 $68\frac{5}{10}$ ; 685 tenths,  $\frac{685}{10}$ ; 6850 hundredths,  $\frac{6850}{100}$