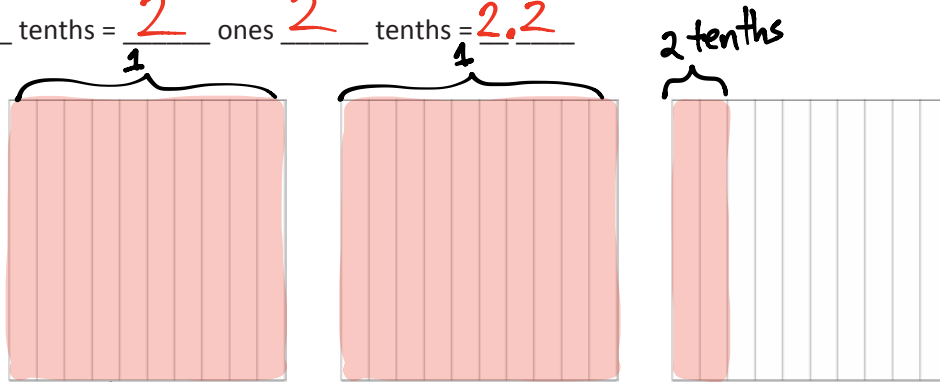


Name _____

Date _____

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

a. $\frac{220}{100} = \underline{22}$ tenths = $\underline{2}$ ones $\underline{2}$ tenths = $\underline{2.2}$



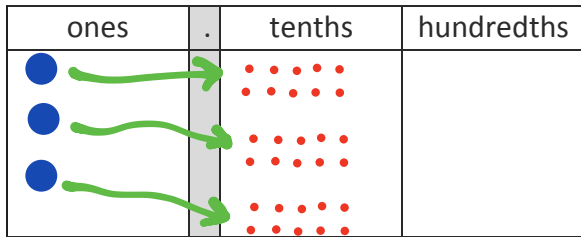
$10 \text{ tenths} + 10 \text{ tenths} + 2 \text{ tenths} = 22 \text{ tenths} = 2.2$

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

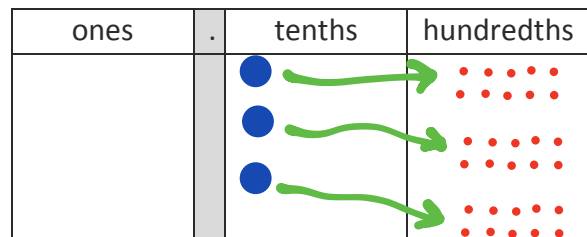
I shaded in 22 tenths, which equals 2 whole squares plus 2 tenths, so this equals 2.2.

2. Draw number disks to represent the following decompositions:

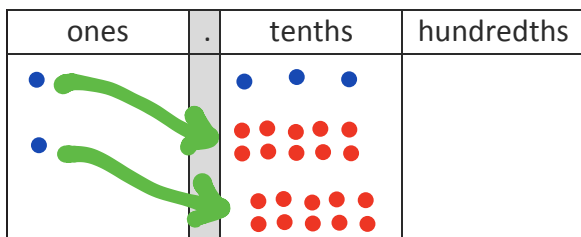
3 ones = 30 tenths



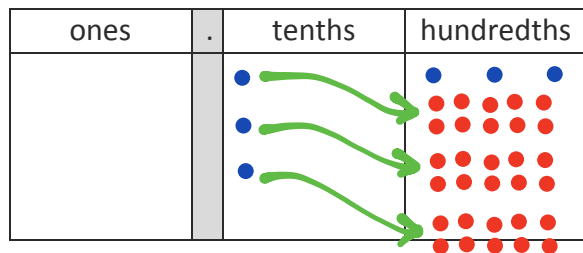
3 tenths = 30 hundredths



2 ones 3 tenths = 23 tenths



3 tenths 3 hundredths = 33 hundredths



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

a. $1 = \underline{10}$ tenths

b. $2 = \underline{20}$ tenths

c. $1.3 = \underline{13}$ tenths

d. $2.6 = \underline{26}$ tenths

e. $10.3 = \underline{103}$ tenths

f. $20.6 = \underline{206}$ tenths

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

a. $1 = \underline{100}$ hundredths

b. $2 = \underline{200}$ hundredths

c. $1.3 = \underline{130}$ hundredths

d. $2.6 = \underline{260}$ hundredths

e. $10.3 = \underline{1030}$ hundredths

f. $20.6 = \underline{2060}$ 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	$5 \frac{3}{10}$	53 tenths $\frac{53}{10}$	530 hundredths $\frac{530}{100}$
9.7	$9 \frac{7}{10}$	97 tenths $\frac{97}{10}$	970 hundredths $\frac{970}{100}$
10.9	$10 \frac{9}{10}$	109 tenths $\frac{109}{10}$	1090 hundredths $\frac{1090}{100}$
68.5	$68 \frac{5}{10}$	685 tenths $\frac{685}{10}$	6850 hundredths $\frac{6850}{100}$