

Circle the fraction:

$\frac{3}{7}$

$\frac{3}{7}$

8

denominator

$\frac{1}{10}$

The $\left\{ \begin{array}{l} \text{numerator} \\ \text{denominator} \end{array} \right.$ is 10.

Circle the fraction with a denominator of 10 :

$\frac{3}{10}$

$\frac{10}{17}$

$\frac{3}{10}$

$\frac{4}{10} \longrightarrow .4$ — This is a decimal.

Any fraction with a denominator of 10 can be written as a decimal.

$\frac{4}{10} \longrightarrow .3$ — This is a decimal.
— This is a decimal point.

Write as decimals:

.9

$\frac{7}{10} \longrightarrow .7$

.1

$\frac{9}{10} \longrightarrow .\underline{\quad}$

.8

$\frac{1}{10} \longrightarrow .\underline{\quad}$

$\frac{8}{10} \longrightarrow .\underline{\quad}$

denominator

Any fraction with a $\begin{cases} \text{numerator} \\ \text{denominator} \end{cases}$ of 10 can be written as a decimal.

Write as decimals: (Don't forget the decimal point.)

.3

$$\frac{3}{10} \longrightarrow$$

.4

$$\frac{4}{10} \longrightarrow$$

.6

$$\frac{6}{10} \longrightarrow$$

.7

$$\frac{7}{10} \longrightarrow$$

Write the decimals as fractions:

$\frac{8}{10}$

$$.9 \longrightarrow \frac{9}{10}$$

$\frac{6}{10}$

$$.8 \longrightarrow \frac{8}{10}$$

$\frac{7}{10}$

$$.6 \longrightarrow \frac{\quad}{10}$$

$$.7 \longrightarrow \text{---}$$

Write the mixed numbers with decimals instead of fractions:

6.9

$$8 \frac{3}{10} \longrightarrow 8.3$$

8.4

$$6 \frac{9}{10} \longrightarrow 6.\text{---}$$

5.7

$$8 \frac{4}{10} \longrightarrow \text{---}.\text{---}$$

$$5 \frac{7}{10} \longrightarrow \text{---}.\text{---}$$

Write the mixed numbers with decimals instead of fractions:

3.6

$$3 \frac{6}{10} \longrightarrow$$

(Don't forget the decimal point!)

2.4

$$2 \frac{4}{10} \longrightarrow$$

6.1

$$6 \frac{1}{10} \longrightarrow$$

Change to mixed numbers:

$6 \frac{8}{10}$

$$\frac{24}{10} \longrightarrow 2 \frac{4}{10}$$

$7 \frac{2}{10}$

$$\frac{68}{10} \longrightarrow 6 \frac{8}{10}$$

$3 \frac{7}{10}$

$$\frac{72}{10} \longrightarrow 7 \frac{2}{10}$$

$$\frac{37}{10} \longrightarrow$$

Change to mixed numbers. Then write the mixed numbers with decimals instead of fractions:

$2 \frac{9}{10}$

$$\frac{29}{10} \longrightarrow 2 \frac{9}{10} \longrightarrow 2.9$$

$8 \frac{1}{10} \longrightarrow 8.1$

$$\frac{81}{10} \longrightarrow 8 \frac{1}{10} \longrightarrow 8.1$$

$1 \frac{6}{10} \longrightarrow 1.6$

$$\frac{16}{10} \longrightarrow 1 \frac{6}{10} \longrightarrow 1.6$$

$9 \frac{3}{10} \longrightarrow 9.3$

$$\frac{93}{10} \longrightarrow 9 \frac{3}{10} \longrightarrow 9.3$$

$4 \frac{5}{10} \longrightarrow 4.5$

$$\frac{45}{10} \longrightarrow 4 \frac{5}{10} \longrightarrow 4.5$$

.5	Add:	.2	.4	.3
.6		+ .4	+ .1	+ .3
		.6	. —	. —

The decimal points must be lined up under each other.

a	Which is correct ?	
	a) $\begin{array}{r} .5 \\ + .3 \\ \hline .8 \end{array}$	b) $\begin{array}{r} .5 \\ + .3 \\ \hline .8 \end{array}$

.8		.6	.3	. —
.2		+ .2	+ . —	+ .4
.3		. —	.5	.7

.6				.2
.9		.2	.4	.2
.8		.1	.2	.1
		+ .3	+ .3	+ .2
		. —	. —	. —

.5	Add: (Don't forget the decimal point in the answer.)		
.8	.3	.5	.3
.9	+ .2	+ .3	+ .1
	. —	. —	. —