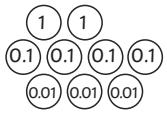
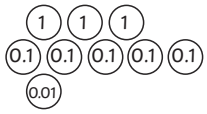
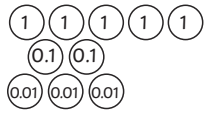
1) a) $\frac{2}{10} = \frac{20}{100} = 0.2$ (also accept other fractional equivalents such as $\frac{1}{5}$ or $\frac{10}{50}$.)

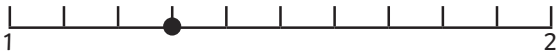
2) b) $\frac{75}{100} = 0.75$ (also accept other fractional equivalents such as $\frac{3}{4}$.)

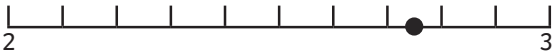
c) $\frac{36}{10} = \frac{360}{100} = 3\frac{6}{10} = 3\frac{60}{100} = 3.6$ (also accept other fractional equivalents such as $\frac{18}{5}$ or $3\frac{3}{5}$.)

3) a)

Place Value Counters	Decimal	Decimal Expanded
	2.43	2 + 0.4 + 0.03
	3.51	**3 + 0.5 + 0.01**
	**5.23**	5 + 0.2 + 0.03

Place Value Counters	Decimal	Decimal Expanded
Four ones, two tenths, nine hundredths.	$4\frac{29}{100}$	$4 + \frac{2}{10} + \frac{9}{100}$
Three ones, eight hundredths.	$3\frac{8}{100}$	$3 + \frac{8}{100}$
Two ones, one tenth, seven hundredths.	$2\frac{17}{100}$	$2 + \frac{1}{10} + \frac{7}{100}$

1) a) 

b) 

2) a) 4.16 or 6.14

b) 502.1 or 501.2

c) Multiple answers possible. For example:

4.16 – The ones digit is smaller than the hundredths digit.

6.14 – The hundredths digit is smaller than the ones digit.

502.1 – The tenths digit is smaller than the ones digit.

501.2 – The tenths digit is an even number.

3) One way to change a fraction into a decimal which doesn't have a multiple of ten as the denominator, is to convert the fraction into tenths or hundredths.

To convert $\frac{2}{5}$, you could multiply the denominator by two to convert it into tenths. If you multiply the denominator by two, then you must multiply the numerator by two, so, $\frac{2}{5} = \frac{4}{10}$. Now, convert this to a decimal: $\frac{4}{10} = 0.4$.

To convert $\frac{4}{25}$, you could multiply the denominator by four to convert it into hundredths. If you multiply the denominator by four, then you must multiply the numerator by four, so, $\frac{4}{25} = \frac{16}{100}$. Now, convert this to a decimal: $\frac{16}{100} = 0.16$.

Accept other explanations, such as dividing the numerator by the denominator.

1) a) 18.32 28.13 38.12

b) $18\frac{32}{100}$ $28\frac{13}{100}$ $38\frac{12}{100}$

2) Multiple answers possible. Example answers in the table:

Section	Decimal	Equivalent Fraction
A	**2.77**	$2\frac{77}{100}$
B	**5.09**	$5\frac{9}{100}$
C	**6.29**	$6\frac{29}{100}$
D	**9.41**	$9\frac{41}{100}$

3) a) 98.2

b) 15.9

c) 3.45