Decimals on a Number Line

$\vdash\!\!-\!\!-\!\!-\!\!-\!\!-\!\!-\!\!-\!\!-\!\!-\!\!-\!\!\dashv$ = 1 linear unit

1 Use a base ten linear piece to locate and mark these decimals on the number line. Write the numbers above the line.
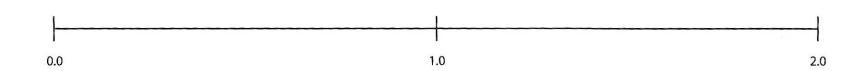
| 0.1 | 0.4 | 0.8 | 1.2 | 1.5 | 1.8 |

0.0   1.0   2.0

2 Mark and label the approximate locations of these decimals on the number line. Write the numbers below the line.

| 0.25 | 0.75 | 0.62 | 1.55 | 0.04 | 1.91 | 1.08 | 1.69 |

3 Continue to use a base ten linear piece to help you determine which numbers on the number line are:

a between $\frac{1}{2}$ and $\frac{9}{10}$: _____, _____, _____

b closest to but not equal to 0.7: _____

c between 0.9 and 1.2: _____

d less than $\frac{1}{2}$: _____, _____, _____, _____

e less than $1\frac{3}{4}$ but greater than $1\frac{1}{5}$: _____, _____, _____