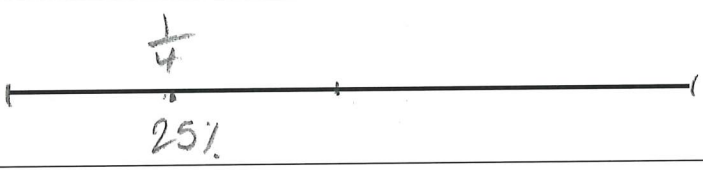
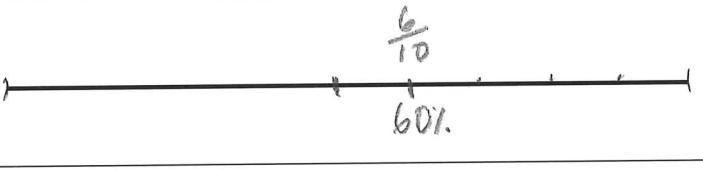
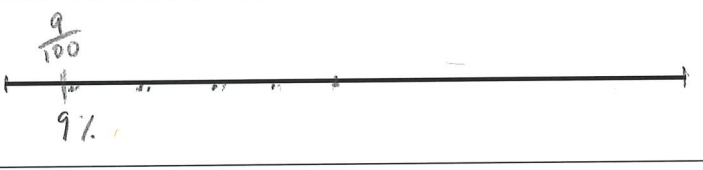
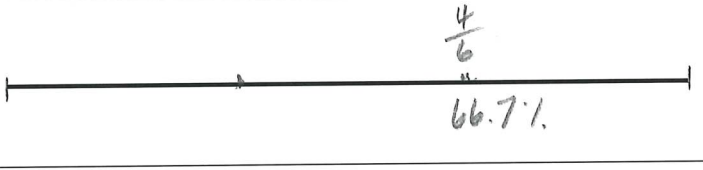
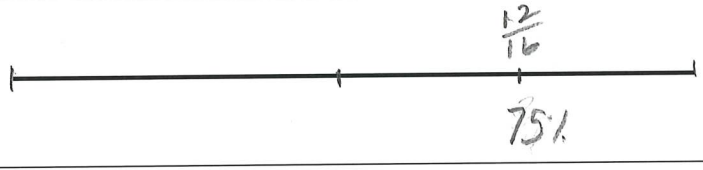
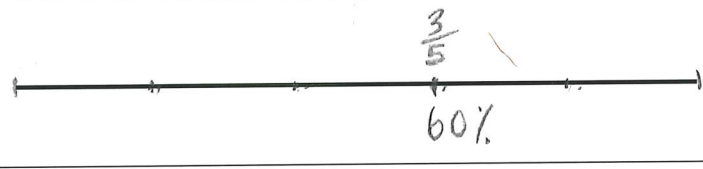
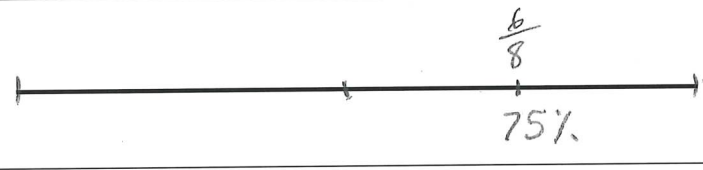
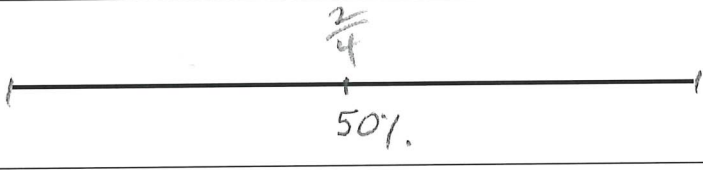
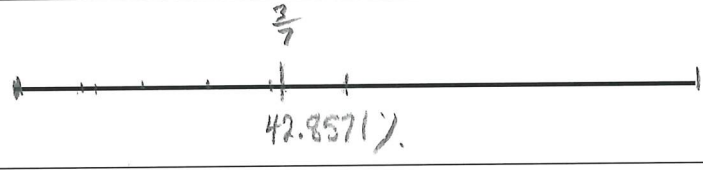


FRACTIONS TO PERCENTAGES:

Name: Marking Key

Fraction	Decimal:	Percentage:	Record each fraction and percentage on the number line:
$\frac{3}{8}$	$\frac{1}{8} = 0.125$, so $\frac{3}{8}$ is $3 \times 0.125 = \mathbf{0.375}$	$0.375 \times 100 =$ 37.5% (move that decimal to the right 2 spaces)	
$\frac{1}{10}$	0.1	$0.1 \times 100 =$ 10%	
$\frac{1}{100}$	0.01	$0.01 \times 100 =$ 1%	
$\frac{1}{3}$	$0.\overline{3}$ (or $0.33\overline{3}$)	0.333×100 $= 33.\overline{3}\%$	
$\frac{1}{4}$	0.25	0.25×100 25%	
$\frac{1}{5}$	0.2	$0.2 \times 100 =$ 20%	
$\frac{1}{9}$	$0.\overline{1}$ (or $0.11\overline{1}$)	$0.111 \times 100 =$ $11.\overline{1}\%$	
$\frac{3}{4}$	$0.25 \times 3 =$ 0.75	$0.75 \times 100 =$ 75%	
$\frac{2}{5}$	$0.2 \times 2 =$ 0.4	$0.4 \times 100 =$ 40%	
$\frac{7}{9}$	$0.111 \times 7 =$ $0.77\overline{7}$	$0.777 \times 100 =$ $77.\overline{7}\%$	

Fraction	Decimal:	Percentage:	Number Line: Record each fraction and percentage on the number line
$\frac{3}{12}$	Simplify $\frac{3}{12}$ to $\frac{1}{4}$ first! Then convert. $\frac{1}{4} = 0.25$	$0.25 \times 100 = 25\%$	
$\frac{6}{10}$	0.6	$0.6 \times 100 = 60\%$	
$\frac{9}{100}$	0.09	$0.09 \times 100 = 9\%$	
$\frac{4}{6}$	$\frac{4}{6} = \frac{2}{3}$ $2 \times .333 = .667$	$.667 \times 100 = 66.7\%$	
$\frac{12}{16}$	$\frac{12-4}{16-4} = \frac{8}{12} = \frac{2}{3}$ $0.25 \times 3 = 0.75$	$0.75 \times 100 = 75\%$	
$\frac{3}{5}$	$3 \times 0.2 = 0.6$	$0.6 \times 100 = 60\%$	
$\frac{6}{8}$	$\frac{6}{8} = \frac{3}{4}$ $3 \times 0.25 = 0.75$	$0.75 \times 100 = 75\%$	
$\frac{2}{4}$	$\frac{2}{4} = \frac{1}{2} = 0.5$	$0.5 \times 100 = 50\%$	
$\frac{3}{7}$	$3 \times 0.142857 = 0.428571$	$0.428571 \times 100 = 42.8571\%$	
$\frac{7}{8}$	$7 \times 0.125 = 0.875$ $0.75 + 0.125 = 0.875$	$0.875 \times 100 = 87.5\%$	