

Decimals $\rightarrow$ Fractions $\rightarrow$ Percents

C2 1-4

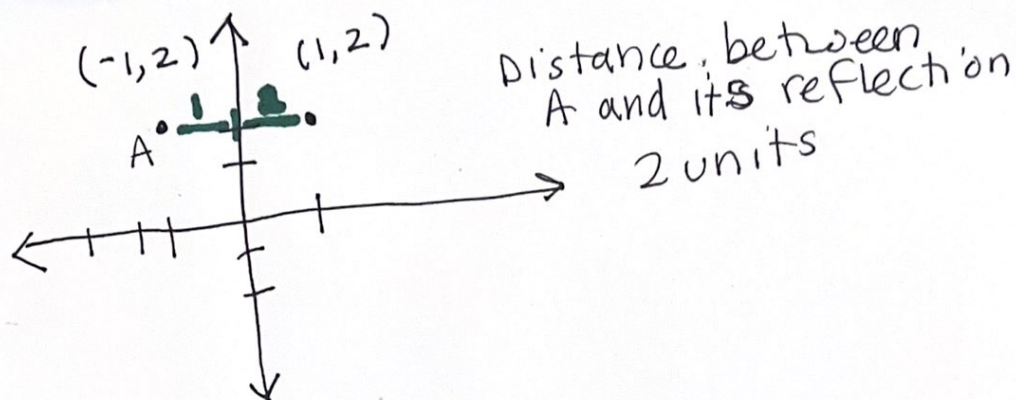
0. <u>3</u> tenths spot	$\frac{3}{10}$	$\overset{30}{\curvearrowright} 30\%$
0. <u>56</u> hundredths spot	$\frac{56}{100} = \frac{28}{50} = \frac{14}{25}$	$\overset{56}{\curvearrowright} .56 = 56\%$
0. <u>123</u> thousandths spot	$\frac{123}{1,000}$	$\overset{123}{\curvearrowright} 0.123 = 12.3\%$ or $12\frac{3}{10}\%$

#3 The table is in %s!
The answer is in fractions!
Go from % to decimal to fractions
40% $\rightarrow$.40 $\rightarrow$ $\frac{4}{10} = \frac{2}{5}$

#4 Horizontal Distance -
★ Count "x" lines between points
★ BUT how many do the lines move in
 $0 \rightarrow .25 \rightarrow .50$, etc

Vertical Distance -
★ Same as horizontal by "y" lines between points
★ what are they counting by

Reflections - Mirror Image



#7 words

less than can be inequality <
or subtracted from an amount

#8 Solve for variable:

what # minus 5 is 20?

$$15 = \boxed{x} - 5$$

$$15 = \boxed{20} - 5$$

$$15 = 15$$

$$\boxed{x = 20}$$

$$\begin{array}{r} x - 5\frac{1}{4} = 2\frac{1}{8} \\ + 5\frac{1}{4} \quad + 5\frac{1}{4} \\ \hline \end{array}$$

$$x = 7\frac{3}{8}$$

$$7\frac{3}{8} - 5\frac{1}{4} = 2\frac{1}{8}$$

$$\frac{59}{8} - \frac{42}{8} = \frac{17}{8} \checkmark$$

Harder to do mentally
so get "x" by itself
- add $5\frac{1}{4}$ to get x
add $2\frac{1}{8} + 5\frac{1}{4}$

$$\frac{17}{8} + \frac{21}{4} \text{ need same denominator}$$

$$\frac{17}{8} + \frac{42}{8} = \frac{59}{8} = \boxed{7\frac{3}{8}}$$