

Station 1: Interpreting Slope and Y-Intercept

Review Video:

<https://www.youtube.com/watch?v=9aISNZMNIvA>

Answer the questions from the worksheet. Do NOT write on the worksheet. Your answers should be written on your answer sheet.

Station 2: Graphing using Slope-Intercept Form

Review Video:

<https://www.youtube.com/watch?v=xyVJZKu7Euw>

Answer the questions from the worksheet. Do NOT write on the worksheet. Your answers should be written on your answer sheet.

Station 3: Writing the Equation of a Line in Slope-Intercept Form Given a Graph

Review Video:

<https://www.youtube.com/watch?v=t3u4EscUHq0>

Answer the questions from the worksheet. Do NOT write on the worksheet. Your answers should be written on your answer sheet.

Station 4: Writing the Equation of a Line in Slope-Intercept Form Given Slope and Y-Intercept

Review Video:

<https://www.youtube.com/watch?v=tgezP-tbHvg>

Answer the questions from the worksheet. Do NOT write on the worksheet. Your answers should be written on your answer sheet.

Station 5: Writing the Equation of a Line from a Problem

Review Video:

<https://www.khanacademy.org/test-prep/sat/sat-math-practice/new-sat-heart-of-algebra/v/sat-math-h3-easier>

Answer the questions from the worksheet. Do NOT write on the worksheet. Your answers should be written on your answer sheet.

UNIT 3: Student Review StationsStation 1:

1a) \$1.90 - Cost of just the hamburger

1b) \$1.40 - cost of each topping

$$\begin{array}{r} 3.30 = 1.90 + 1.40t \\ -1.90 \quad -1.90 \\ \hline 1.40 = 1.40t \\ 1.40 \quad 1.40 \\ \hline 1 = t \end{array}$$

3a) 5 - cost to get into the fair

3b) 1.75 - cost per ride

$$\begin{array}{r} 19.00 = 5 + 1.75r \\ -5 \quad -5 \\ \hline 14.00 = 1.75r \\ 1.75 \quad 1.75 \\ \hline 8 = r \end{array}$$

2a) 2.25 - Cost of the ice cream

2b) 0.75 - it costs 75¢ for each topping

$$\begin{array}{r} 6.00 = 2.25 + 0.75t \\ -2.25 \quad -2.25 \\ \hline 3.75 = 0.75t \\ 0.75 \quad 0.75 \\ \hline 5 = t \end{array}$$

4) $\frac{5}{20} = \frac{1}{4}$ $\frac{\text{rise}}{\text{run}}$

\$1 for 4 newspapers delivered

5) $r = 12x + 15$

#	1	2	3	4	5
	27	39	51	63	75
		+12	+12	+12	+12

12 = fee

15 = \$/hour

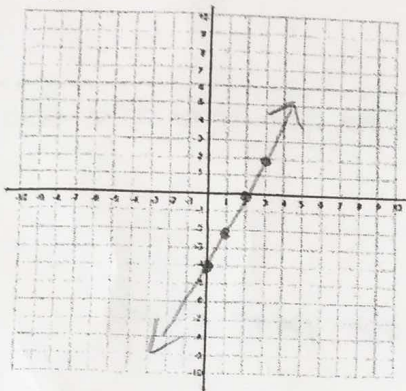
6) \$5/year

What is the increase per year?

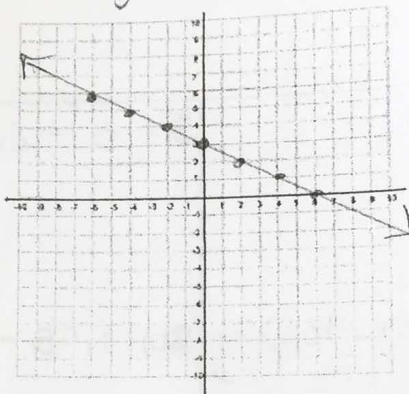
7) \$5 - base rate for her long distance

Station 2:

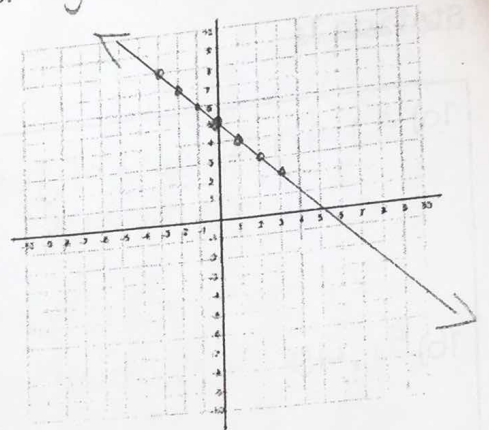
1. $y = 2x - 4$



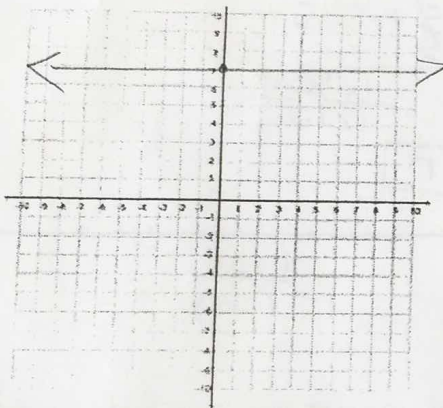
2. $y = -\frac{1}{2}x + 3$



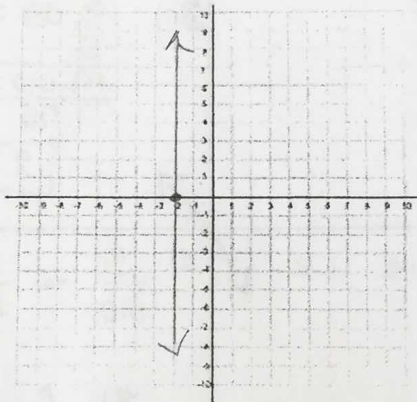
3. $y = -x + 5$



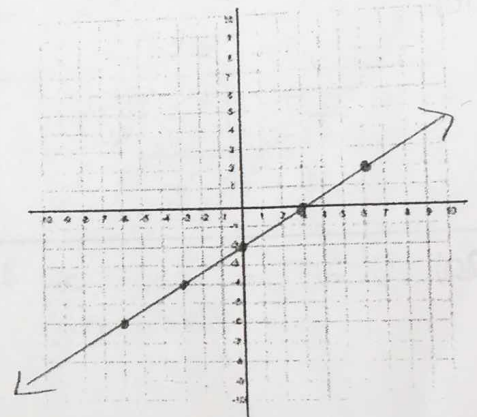
4. $y = 7$



5. $x = -2$



6. $y = \frac{2}{3}x - 2$



Station 3:

1) $y = -\frac{3}{2}x + 4$	2) $y = -\frac{5}{3}x$
3) $y = \frac{5}{3}x + 3$	4) $y = -1$

Station 4:

1) $y = -5x + 9$	2) $y = \frac{1}{2}x - 4$
3) $y = -\frac{4}{3}x$	4) $y = -5x + 2$
5) $y = \frac{1}{2}x - 3$	6) $y = -7x - 3$

Station 5:

1) $y = 5x + 100$	2) $w = -.5d + 34$
3) $C = 5h + 3$	4) $C = 50h + 25$
5) $y = 200 - 8x$ or $y = -8x - 200$	