

Four Corners

Name: _____

Date: _____

Words

To give the math classroom more of its own identity, your teacher decides to order posters of great mathematicians. The posters cost \$2 each and there is an additional charge of \$4 for shipping and handling.

How much would it cost to buy 8 posters?

If your teacher only has \$40 to spend on posters, what is the most he/she can buy?

Equation/Rule

$$y = \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$$

Different names or representations for slope: _____, _____, _____, _____

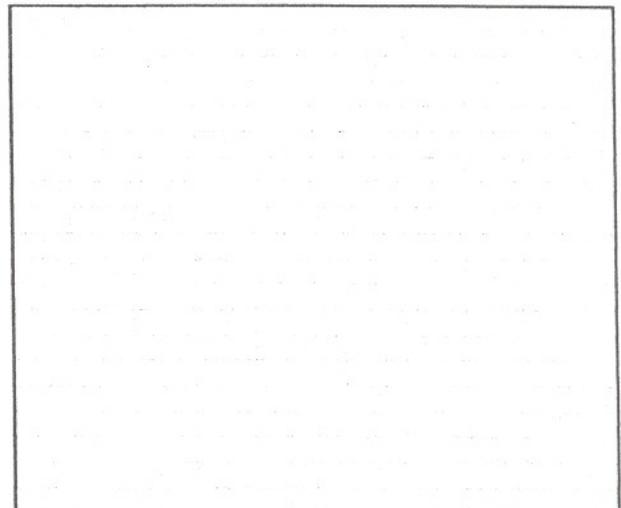
Different ways of locating the y-intercept: _____, _____

Different ways of locating the x-intercept: _____, _____

Table

Posters ordered	Total Cost
<i>Posters</i>	<i>\$</i>
1	
5	
	16
10	
13	
	84
	200
n	

Graph



Name: _____

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Words

The ninth graders need to start raising money now for their senior prom. They have decided to sell t-shirts that have '09 on the back. A t-shirt store will charge them \$3.25 a t-shirt with a one time set up fee of \$25.

How much will it cost to purchase 200 shirts?

If each t-shirt is sold to students for \$10, how much profit will be made on 100 shirts?

Equation/Rule

$$y = \underline{\hspace{1cm}} x + \underline{\hspace{1cm}}$$

What does the **slope** represent in this problem? _____

What does the **y-intercept** Represent in this problem?

Table

T-shirts ordered	Total Cost
<i>t-shirts</i>	\$
50	
75	
	350
125	
160	
	593.75
	1000
n	

Graph

