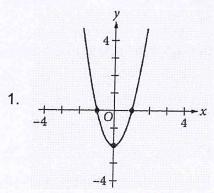
Bellwork

Alg 2

Thursday, December 20, 2018



Which of the following equations could be represented by the graph above?

I.
$$y = 2x^2 - 2$$

II. $y = 2(x-1)^2$
III. $y = 2(x-1)(x+1)$

- A) I only
- B) III only
- C) I and III only
- D) I, II, and III

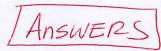
2	,	Asked for repairs	Did not ask for repairs	Total
2.	Asked about a bill	48	623	671
	Did not ask about a bill	130	90	220
	Total	178	713	891

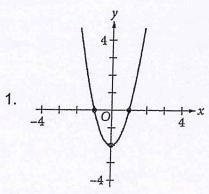
Employees working for a customer service line at an electric company recorded all the calls last Monday and noted whether the caller asked for repairs and whether the callers asked about a bill. The results are summarized the in the table above. If a caller last Monday who asked about his or her bill is selected at random, which of the following is closest to to the probability that the customer also asked for repairs?

- A) 0.05
- B) 0.07
- C) 0.20
- D) 0.27

3. The equation $\frac{x^2 + 6x - 7}{x + 7} = ax + d$ is true for all $x \ne 7$, where a and d are integers. What is the value of a+d?

- A) -6
- B) -1 C) 0
- D) 1





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(-1,0), $(0,-2)$, $(1,0)$	
are 3 points on	
the parabola.	7
All 3 points make	1
Love . TIT is the	
factored form of	1.
It is a parabola shift one unit right, so its	wt
the answer.	

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$$=\frac{48}{671}=0.0715$$



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- B) -1
- C) 0



$$ax+d=x-1$$

$$a=1$$

$$d=-1$$