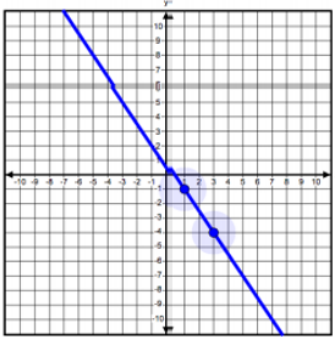


**Algebra 1 EOC FSA Practice Test (Calculator Portion)  
Answer Section**

1 ANS: A

2 ANS: A, E, F

3 ANS:



4 ANS:

$$g(x) = 3(x + 4)(x - 15)$$

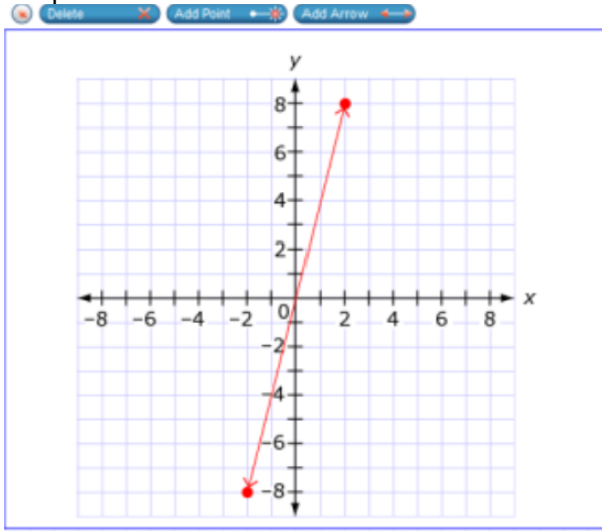
Zeros: -4 and 15

5 ANS:

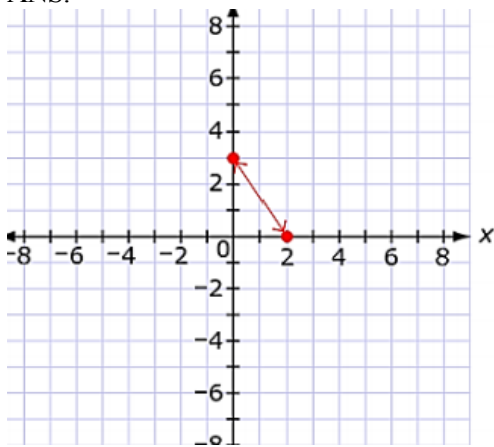
$x = -8$

←	→	↶	↷	✖
1	2	3	x	
4	5	6	+	-
7	8	9	<	≤
0	.	-	$\frac{\square}{\square}$	$\square^\square$
			$\square_\square$	( )
			$\sqrt{\square}$	$\sqrt[n]{\square}$
			$\pi$	i

- 6 ANS:  
Any line with a slope of 4 and a y-intercept greater than -4.  
sample answer



- 7 ANS:



- 8 ANS:

$$y = 2x - 1$$

- 9 ANS: D

- 10 ANS: A, D

- 11 ANS:

3

- 12 ANS: C

- 13 ANS:

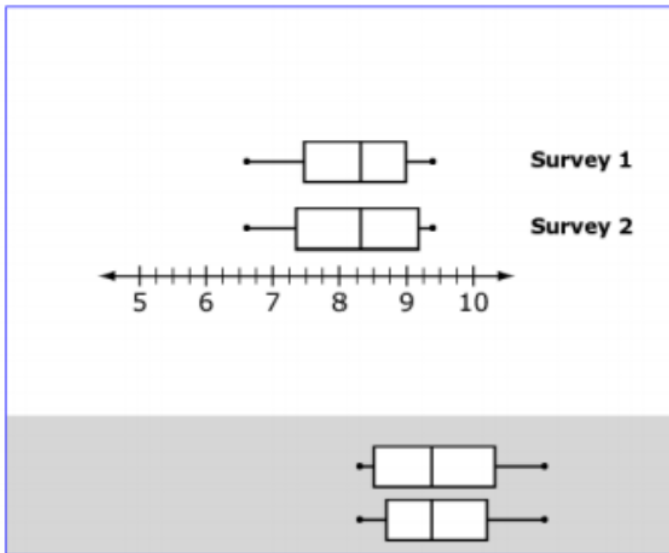
$$(x - 12)(x + 6) = 0$$

1 2 3 x

14 ANS: B

15 ANS: C

16 ANS:



17 ANS: A

18 ANS:

Part A:

$$f(x) = 2(x + 1.5)^2 + -12.5$$

Part B:

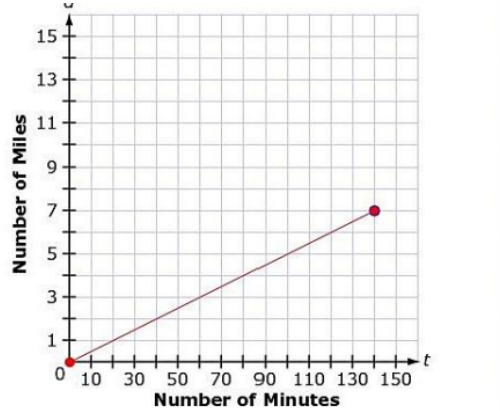
$$f(x) = 2(x + 4)(x + -1)$$

19 ANS: C

20 ANS:

$$N(t) = 150(3^t)$$

21 ANS:



22 ANS:

$$v = \sqrt{\frac{TL}{m}}$$

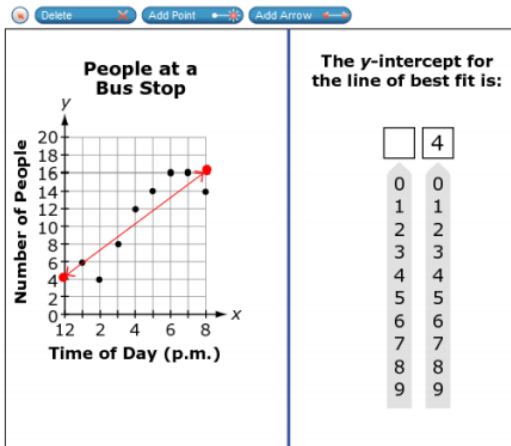
23 ANS:

$$(x-3)(x+5)=0$$

24 ANS: A, C, D

25 ANS: C

26 ANS:



27 ANS: B, C, E

28 ANS: B

29 ANS: C

30 ANS:

$$(x+4)^2 = -3$$

31 ANS:

$$0.18$$

32 ANS:

8, -8

33 ANS: B

34 ANS: 8.15

35 ANS:

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Part A:  $x + y = 16$

$$2x + 3y = 39$$

Part B: 7

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36 ANS: A

37 ANS: A

38 ANS: C, D

39 ANS: C