

Algebra 1 EOC FSA Practice Test (No Calculator Portion)
Answer Section

- 1 ANS: B
- 2 ANS: D
- 3 ANS: C
- 4 ANS: C
- 5 ANS: A
- 6 ANS: B
- 7 ANS: D
- 8 ANS: C
- 9 ANS: B
- 10 ANS: A
- 11 ANS: A
- 12 ANS: B
- 13 ANS: A, C, E
- 14 ANS: B, D, F
- 15 ANS: C, E, F
- 16 ANS: B, E
- 17 ANS: A, B, D, E
- 18 ANS: A, D, E
- 19 ANS: C, E

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- 20 ANS:

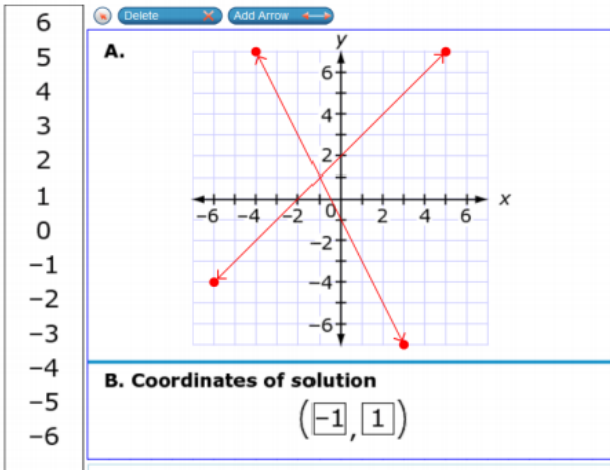
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- 21 ANS:

- 22 ANS:
- 23 ANS: -3
- 24 ANS:

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25 ANS:



26 ANS:

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

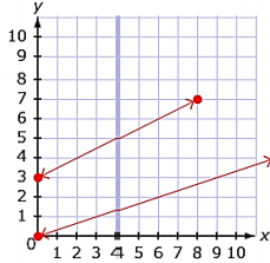
Therefore, $f(x) = 2x^2 - 8x + 9$ has a minimum value of

27 ANS:

Either a is an irrational number and b is a rational number, or, a is a rational number and b is an irrational number.

28 ANS:

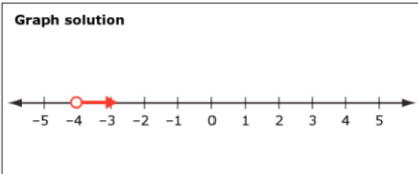
1. Graph $f(x)$ and $g(x)$



2. Function With Greater Rate of Change

$$g(x)$$

29 ANS:



30 ANS:

17

19

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1	2	3	+	-	•	÷
4	5	6	<	≤	=	≥

31 ANS:

A. Input	Output	B.
5	⊖ 16	14 glasses
	+ -	
10	⊖ 6	
	+ -	
15	⊕ 4	
	+ -	
20	⊕ 14	
	+ -	

32 ANS:

-6

2

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33 ANS:

A: 64
B:

On day 2, the number of hits predicted by a linear model is the number of hits predicted by an exponential model. On day 4, the number of hits predicted by a linear model is the number of hits predicted by an exponential model.

34 ANS:

$f(x) = 6x - 24$

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1	2	3	f(x)	x
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35 ANS: A, B, E