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Alg

Quiz: Graphs of Quadratic Functions

Question 1a of 15 ( 3 Graphing Quadratic Equations 148627)
Maximum Attempts: 1
Question Type: M
Maximum Score: 2
Question: Which of the following functions best describes this graph?


|  | Choice | Feedback |
| :---: | :---: | :---: |
| A. | $i=x^{2}-7+\cdots$ |  |
| B. | $\therefore \quad 3+506-4$ |  |
| C. | $y=\therefore-i(x-1)$ |  |
| *D. | $y=i^{2}+4 \times 1 \cdots$ | Correct! |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: $\mathrm{y}=\because^{2} \cdot \varepsilon \chi+12$. |

Question 1b of 15 ( 3 Graphing Quadratic Equations 244979 )
Maximum Attempts: 1
Question Type: M
Maximum Score: 2
Question:
Which of the following functions best describes this graph?

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|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $x^{2}$ |  |
| *B. | $\ddots$ |  |
| C. | $\ddots-5$ | Correct! |
| D. | $\ddots$ |  |

Global Incorrect Feedback
The correct answer is:

Question 1c of 15 ( 3 Graphing Quadratic Equations 244980 )

| Maximum Attempts: | 1 |
| :--- | :--- |
| Question Type: | Multiple Choice |
| Maximum Score: | 2 |
| Question: | Which of the following functions best describes this graph? |



|  | Choice | Feedback |
| :---: | :---: | :---: |
| *A. | ! $x^{3}+{ }^{3}+i-1^{-}$ | Correct! |
| B. |  |  |
| C. | ט- |  |
| D. | $y=y^{2}+5 x-12$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: |

## This version of Total HTML Converter is unregistered.

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Question 2a of 15 (3 Graphing Quadratic Equations 148628)
$\begin{array}{ll}\text { Maximum Attempts: } & 1 \\ \text { Question Type: } & \text { M } \\ \text { Maximum Score: } & 2 \\ \text { Question: } & \end{array}$
1

2

Multiple Choice

Which of the following functions best describes this graph?


|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | $\kappa^{2}-\cdots+=$ |  |
| *B. | -1 |  |
| C. | $\ddots$ | Correct! |
| D. | $-\cdots$ |  |

Global Incorrect Feedback
The correct answer is: $y$ ? $\because x-\cdots$.

Question 2b of 15 ( 3 Graphing Quadratic Equations 244981)

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which of the following functions best describes this graph?


|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. |  |  |
| B. |  |  |
| C. |  |  |
| *D. |  | Correct! |

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## Global Incorrect Feedback

The correct answer is: $6=?$

## Question 2c of 15 ( 3 Graphing Quadratic Equations 244982 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

Which of the following functions best describes this graph?

|  | Choice | Feedback |
| :---: | :---: | :---: |
| A. | $y=i^{2} \quad \therefore=5$ |  |
| B. | $y=\therefore-10 \times-3$ |  |
| C. | $y=i^{2} \mathrm{ENT}=$ |  |
| *D. | $y=\therefore-1 i n-1 i$ | Correct! |

Global Incorrect Feedback
The correct answer is: $x-110 \times+\cdots$

| Question 3a of | $\mathbf{1 5}$ ( 3 Graphing Quadratic Equations 148629) |
| :--- | :--- |
| Qaximum Attempts: | 1 |
| Question Type: | Multiple Choice |
| Maximum Score: | 2 |
| Question: | Which of the following functions best describes this graph? |

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|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | $x^{2}-18$ | Correct! |
| B. |  |  |
| C. | $x^{2}$ |  |
| D. |  |  |


| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: $\quad \because \quad \ldots, 18$. |

Question 3b of 15 ( 3 Graphing Quadratic Equations 244984 )

| Maximum Attempts: | 1 |
| :--- | :--- |
| Question Type: | Multiple Choice |
| Maximum Score: | 2 |
| Question: | Which of the following functions best describes this graph? |



|  | Choice | Feedback |
| :---: | :---: | :---: |
| A. | 4. $x^{2}-5_{i}-5$ |  |
| B. |  |  |
| *. | b $x^{2}-=0-15$ | Correct! |
| D. | $y-6+3.4$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: |

## This version of Total HTML Converter is unregistered.

Alg
Question 3c of 15 ( 3 Graphing Quadratic Equations 244985 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1
Multiple Choice
2
Which of the following functions best describes this graph?


|  | Choice | Feedback |
| :---: | :---: | :---: |
| A. | $\therefore i^{2}-8 \cdot+8$ |  |
| B. | $\cdots$ - |  |
| C. | i $i^{x}+1+i x-1 i$ |  |
| *D. | $y=x^{3}-9 x+20$ | Correct! |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: |

Question 4a of 15 ( 3 Graphing Quadratic Equations 148630 )

## Maximum Attempts: <br> Question Type: <br> Maximum Score: <br> Question: <br> \section*{1}

2

Multiple Choice

Which graph is defined by the function given below?

$$
y=(x-|\dot{\mid}| x-4 \mid
$$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | Graph A |  |
| B. | Graph B |  |
| *C. | Graph <br> C | Correct! |
| D. | Graph <br> D |  |


| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: Graph C. |

## This version of Total HTML Converter is unregistered.

Alg
Question 4b of 15 ( 3 Graphing Quadratic Equations 244986 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1
Multiple Choice
2
Which graph is defined by the function given below?

$$
y=10-7 x-i
$$

A.
B.
c.
D.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | Graph A | Correct! |
| B. | Graph B |  |
| C. | Graph <br> C |  |
| D. | Graph <br> D |  |


| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: Graph A. |

Question 4c of 15 ( 3 Graphing Quadratic Equations 244987 )
Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Which graph is defined by the function given below?

$$
y=[x-3 i x-4 i
$$


A.
B.
C.
D.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | Graph A |  |
| *B. | Graph B | Correct! |
| C. | Graph <br> C |  |
| D. | Graph <br> D |  |


| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: Graph B. |

## This version of Total HTML Converter is unregistered.

Alg
Question 5a of 15 ( 3 Graphing Quadratic Equations 148631)

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1
Multiple Choice
2
Which graph is defined by the function given below?

$$
i=i n+6 x-? i
$$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | Graph A | Correct! |
| B. | Graph B |  |
| C. | Graph <br> C |  |
| D. | Graph <br> D |  |

## Global Incorrect Feedback

The correct answer is: Graph A.

Question 5b of 15 ( 3 Graphing Quadratic Equations 244988)

| Maximum Attempts: | 1 |
| :--- | :--- |
| Question Type: | Multiple Choice |
| Maximum Score: | 2 |
| Question: | Which graph is defined by the function given below? |

$\therefore$ -

A.

B.

C.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | Graph A |  |
| B. | Graph B |  |
| *C. | Graph <br> C | Correct! |
| D. | Graph <br> D |  |


| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: Graph C. |

## This version of Total HTML Converter is unregistered.

Alg
Question 5c of 15 ( 3 Graphing Quadratic Equations 244989 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1
Multiple Choice
2
Which graph is defined by the function given below?

$$
i=i=-7 x-1 i
$$


A.
B.
c.
D.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | Graph A |  |
| B. | Graph B |  |
| C. | Graph <br> C |  |
| *D. | Graph <br> D | Correct! |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: Graph D. |

Question 6a of 15 ( 3 Graphing Quadratic Equations 148632 )
Maximum Attempts: 1
$\begin{array}{ll}\text { Question Type: } & \text { M } \\ \text { Maximum Score: } & 2\end{array}$
Question: Which graph is defined by the function given below?

$$
y=[x-3 i x-3 i
$$


A.
B.
c.
D.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | Graph A |  |
| *B. | Graph B | Correct! |
| C. | Graph <br> C |  |
| D. | Graph <br> D |  |


| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: Graph B. |

## This version of Total HTML Converter is unregistered.

Alg
Question 6b of 15 ( 3 Graphing Quadratic Equations 244990 )

Maximum Attempts:
Question Type:
Maximum Score:
Question:

1
Multiple Choice
2
Which graph is defined by the function given below?

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | Graph A | Correct! |
| B. | Graph B |  |
| C. | Graph <br> C |  |
| D. | Graph <br> D |  |

## Global Incorrect Feedback

The correct answer is: Graph A.

Question 6c of 15 ( 3 Graphing Quadratic Equations 244991 )

Maximum Attempts:
Question Type:
Maximum Score: Question:

1
Multiple Choice
2
Which graph is defined by the function given below?
$\therefore \quad$ i $x+3 y-3$

A.

B.

c.
D.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | Graph A | Correct! |
| B. | Graph B |  |
| C. | Graph <br> C |  |
| D. | Graph <br> D |  |


| Global Incorrect Feedback |
| :--- | :--- |
| The correct answer is: Graph A. |

## This version of Total HTML Converter is unregistered.

Alg
Question 7a of 15 ( 3 Graphing Quadratic Equations 148633 )
Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $\quad(4,-4),(4,-4)$
Question:
Find the vertex of the function. Write your answer in the form $(x, y)$. Use the slash mark ( / ) as a fraction bar if necessary.
$y=\ddot{8} \quad 8+\cdots$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(4,-4)$. |

Question 7b of 15 ( 3 Graphing Quadratic Equations 244993 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive: Correct Answer: Question:

2

Text Fill In Blank
false
$(3,-3),(3,-3)$
Find the vertex of the function. Find the vertex of the function. Write your answer in the form ( $x, y$ ). Use the slash mark (/) as a fraction bar if necessary.
$\therefore-\therefore$ bis.bi

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(3,-3)$. |

Question 7c of 15 ( 3 Graphing Quadratic Equations 244994 )
Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $\quad(5,-5),(5,-5)$
Question:
Find the vertex of the function. Write your answer in the form $(x, y)$. Use the slash mark ( / ) as a fraction bar if necessary.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |

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Alg

|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(5,-5)$. |

Question 8a of 15 ( 3 Graphing Quadratic Equations 148634 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:
2

Text Fill In Blank
false
(3/2,-93/4), (3/2,-93/4), (3/2,-93/4)
Find the vertex of the function. Write your answer in the form $(x, y)$. Use the slash mark ( / ) as a fraction bar if necessary.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(3 / 2,-93 / 4)$. |

Question 8b of 15 ( 3 Graphing Quadratic Equations 244995 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:
2

Text Fill In Blank
false
(5/2, -85/4)
Find the vertex of the function. Write your answer in the form $(x, y)$. Use the slash mark ( / ) as a fraction bar if necessary.
$y=x^{2}-5-5$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(5 / 2,-85 / 4)$. |

Question 8c of 15 ( 3 Graphing Quadratic Equations 244996 )

Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: (1/2,-93/4), (1/2,-93/4), (1/2,-93/4), (1/2,-93/4)
Question:

Find the vertex of the function. Write your answer in the form $(x, y)$. Use the slash mark as a fraction bar if necessary.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |

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|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(1 / 2,-93 / 4)$. |

Question 9a of 15 ( 3 Graphing Quadratic Equations 148635 )
Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $\quad(-4,-1),(-4,-1)$
Question: Find the vertex of the function. Write your answer in the form $(x, y)$. Use the slash mark ( / ) as a fraction bar if necessary.
$\therefore \quad x^{2}-8 \cdots+5$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(-4,-1)$. |

Question 9b of 15 ( 3 Graphing Quadratic Equations 244997 )
Maximum Attempts: 1
Question Type: Text Fill In Blank
Maximum Score: 2
Is Case Sensitive: false
Correct Answer: $\quad(-3,-2),(-3,-2)$
Question:
Find the vertex of the function. Write your answer in the form $(x, y)$. Use the slash mark ( / ) as a fraction bar if necessary.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(-3,-2)$. |

## This version of Total HTML Converter is unregistered.

Alg
Question 9c of 15 ( 3 Graphing Quadratic Equations 244998 )

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
$(-5,-3),(-5,-3)$
Find the vertex of the function. Write your answer in the form $(x, y)$. Use the slash mark ( / ) as a fraction bar if necessary.
$y=\therefore \quad 1 \quad \because \quad \therefore$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: $(-5,-3)$. |

Question 10a of 15 ( 3 Graphing Quadratic Equations 153034 )
Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: $\quad$ Find the vertex and $x$-intercept(s) of the function given below.
$y=0 \quad \therefore \because \because-1$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | Vertex: $(1,9) ;$ <br> Intercepts: $x=-4,-2$ |  |
| B. | Vertex: $(1,-5) ;$ <br> Intercepts: $x=-4,2$ |  |
| *C. | Vertex: $(1,-9) ;$ <br> Intercepts: $x=4,-2$ | Correct! |
| D. | Vertex: $(-4,2) ;$ <br> Intercepts: $x=3,-3$ |  |

Global Incorrect Feedback
The correct answer is:
Vertex: (1,-9);
Intercepts: $x=4,-2$.

Question 10b of 15 ( 3 Graphing Quadratic Equations 244999 )

| Maximum Attempts: | 1 |
| :--- | :--- |
| Question Type: | Multiple Choice |
| Maximum Score: | 2 |
| Question: | Find the vertex and $x$-intercept(s) of the function given below. |

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|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | Vertex: $(-3,-1) ;$ <br> Intercepts: $x=-4,-2$ | Correct! |
| B. | Vertex: $(1,-5) ;$ <br> Intercepts: $x=-4,2$ |  |
| C. | Vertex: $(1,-9) ;$ <br> Intercepts: $x=4,-2$ |  |
| D. | Vertex: $(-4,2) ;$ <br> Intercepts: $x=3,-3$ |  |

## Global Incorrect Feedback

The correct answer is:
Vertex: (-3,-1);
Intercepts: $x=-4,-2$.

Question 10c of 15 ( 3 Graphing Quadratic Equations 245000 )

| Maximum Attempts: | 1 |
| :--- | :--- |
| Question Type: | Multiple Choice |
| Maximum Score: | 2 |
| Question: | Find the vertex and $x$-intercept(s) of the function given below. |


|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | Vertex: $(1,9) ;$ <br> Intercepts: $x=-4,-2$ |  |
| *B. | Vertex: $(-1,-9) ;$ <br> Intercepts: $x=-4,2$ | Correct! |
| C. | Vertex: $(1,-9) ;$ <br> Intercepts: $x=4,-2$ |  |
| D. | Vertex: $(-4,2) ;$ <br> Intercepts: $x=3,-3$ |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: |
| Vertex: $(-1,-9) ;$ |
| Intercepts: $x=-4,2$. |

Question 11 of 15 ( 3 Graphing Quadratic Equations 153035 )

| Maximum Attempts: | 1 |
| :--- | :--- |
| Question Type: | Multiple Choice |
| Maximum Score: | 2 |
| Question: | Find the vertex and $x$-intercept(s) of the function given below. |


|  | Choice | Feedback |
| :---: | :--- | :--- |
| A. | Vertex: $(0,6) ;$ <br> Intercepts: $x=-2,6$ |  |
| *B. | Vertex: $(1,5) ;$ <br> Intercepts: $n 0 n e$ | Correct! |
| C. | Vertex: $(-1,9) ;$ <br> Intercepts: none |  |
| D. | Vertex: $(-2,6) ;$ <br> Intercepts: $x=1,6$ |  |

Global Incorrect Feedback
The correct answer is:
Vertex: $(1,5)$;
Intercepts: none.

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Question 11b of 15 (3 Graphing Quadratic Equations 245001 )

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score: 2
Question: Find the vertex and $x$-intercept(s) of the function given below.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | Vertex: $(0,6) ;$ <br> Intercepts: $x=-2,6$ |  |
| B. | Vertex: $(1,5) ;$ <br> Intercepts: $n$ none |  |
| *C. | Vertex: $(-1,5) ;$ <br> Intercepts: $n 0 n e$ | Correct! |
| D. | Vertex: $(-2,6) ;$ <br> Intercepts: $x=1,6$ |  |

## Global Incorrect Feedback

The correct answer is:
Vertex: $(-1,5)$;
Intercepts: none.

Question 11c of 15 ( 3 Graphing Quadratic Equations 245002 )

Maximum Attempts: 1
Question Type: Multiple Choice
Maximum Score:
Question:

## 2

Find the vertex and $x$-intercept(s) of the function given below.

|  | Choice | Feedback |
| :--- | :--- | :--- |
| *A. | Vertex: $(-2,3) ;$ <br> Intercepts: none | Correct! |
| B. | Vertex: $(1,5) ;$ <br> Intercepts: $x=-2,6$ |  |
| C. | Vertex: $(-1,9) ;$ <br> Intercepts: none |  |
| D. | Vertex: $(-2,6) ;$ <br> Intercepts: $x=1,6$ |  |

Global Incorrect Feedback
The correct answer is:
Vertex: $(-2,3)$;
Intercepts: none.

Question 12a of 15 ( 2 Graphing Quadratic Equations 328550 )

## Maximum Attempts: <br> 1

Question Type: Multiple Choice
Maximum Score: 2
Question: When the graph of a quadratic function crosses the $x$-axis twice, the $x$-coordinate of the vertex lies $\qquad$ between the two $x$-intercepts.

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|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | around <br> halfway |  |
| *B. | exactly <br> halfway | Correct! |
| C. | anywhere |  |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: exactly halfway. |

Question 12b of 15 ( 2 Graphing Quadratic Equations 328551 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Question:
2

Multiple Choice

When the graph of a quadratic function crosses the $x$-axis twice, the $x$-coordinate of the ___ lies exactly halfway between the two $x$-intercepts.
$\qquad$

|  | Choice | Feedback |
| :--- | :--- | :--- |
| A. | origin |  |
| B. | $y-$ <br> intercept |  |
| *C. | vertex | Correct! |


| Global Incorrect Feedback |
| :--- |
| The correct answer is: vertex. |

Question 12c of 15 ( 2 Graphing Quadratic Equations 328552 )
Maximum Attempts:
1
Question Type:
Maximum Score:
Question:
Multiple Choice
2

| the v |  |  |
| :--- | :--- | :--- |
|  | Choice | Feedback |
| *A. | $\begin{array}{l}x \text { - } \\ \text { coordinate }\end{array}$ | Correct! |
| B. | $\begin{array}{l}y \text { - } \\ \text { coordinate }\end{array}$ |  |
| C. | $y$-axis |  |

When the graph of a quadratic function crosses the $x$-axis twice, the $\qquad$ of he vertex lies exactly halfway between the two $x$-intercepts.
U. y axis _ـ_

Question 13a of 15 ( 2 Graphing Quadratic Equations 148639 )


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Alg

|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: factors. |

Question 13b of 15 ( 2 Graphing Quadratic Equations 245005 )

Maximum Attempts:
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:

1
Text Fill In Blank
2
false
factors
You can easily identify the $x$-intercepts of the graph of a quadratic function by writing it as two binomial $\qquad$ .

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: factors. |

Question 13c of 15 (2 Graphing Quadratic Equations 245006 )

Maximum Attempts: 1
Question Type:
Maximum Score:
Is Case Sensitive:
Correct Answer:
Question:
2

Text Fill In Blank
false
factors
You can easily identify the $x$-intercepts of the graph of a quadratic function by writing it as two binomial

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: factors. |

Question 14a of 15 ( 3 Graphing Quadratic Equations 148640 )
Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score: 2
Correct Answer: 1
Question: Find the $x$-coordinate of the vertex of the function given below. You may enter just the number.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |

## This version of Total HTML Converter is unregistered.

Alg

|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: 1. |

Question 14b of 15 ( 3 Graphing Quadratic Equations 245007 )

Maximum Attempts:
Question Type:
Maximum Score:
Correct Answer:
Question:

1
Numeric Fill In Blank
2
1
Find the $x$-coordinate of the vertex of the function given below. You may enter just the number.
$\therefore-i=64$

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: 1. |

Question 14c of 15 ( 3 Graphing Quadratic Equations 245008 )

Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score: 2
Correct Answer: 1
Question: Find the $x$-coordinate of the vertex of the function given below. You may enter just the number.


| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: 1. |

Question 15a of 15 ( 3 Graphing Quadratic Equations 148641)
Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score: 2
Correct Answer: -5
Question: Find the $x$-coordinate of the vertex of the function given below. You may enter just the number.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1st |  |

## This version of Total HTML Converter is unregistered.

Alg

|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: -5. |

Question 15b of 15 ( 3 Graphing Quadratic Equations 245009 )
Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score: 2
Correct Answer: -6
Question: Find the $x$-coordinate of the vertex of the function given below. You may enter just the number.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: -6. |

Question 15c of 15 ( 3 Graphing Quadratic Equations 245010)
Maximum Attempts: 1
Question Type: Numeric Fill In Blank
Maximum Score: 2
Correct Answer: -7
Question: Find the $x$-coordinate of the vertex of the function given below. You may enter just the number.

| Attempt | Incorrect Feedback |
| :--- | :--- |
| 1 st |  |


|  | Correct Feedback |
| :--- | :--- |
|  |  |


|  | Global Incorrect Feedback |
| :--- | :--- |
|  | The correct answer is: -7. |

