**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Station 1 – Graph!**

What is this form called? **STANDARD FORM**

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

**Station 2 – Graph!**

What is this form called?

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

**Station 3 – Graph!**

-10

-20

20

10

20

10

-20

-10

10

20

-20

-10

What is this form called?

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

**Station 4**

Vertex?

Opens up or down?

What is the maximum or minimum value on the graph?

Vertex?

Opens up or down?

What is the maximum or minimum value on the graph?

Vertex?

Opens up or down?

What is the maximum or minimum value on the graph?

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

**Station 5 – Rewrite in *Standard* Form**

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

First… Find the vertex!

Now choose some values *near* the vertex and make a table.

**Station 1 – Graph!**

|  |  |
| --- | --- |
|  |  |
| **4** | **-9** |
| **2** | **-5** |
| **0** | **7** |

10

V( )

10

**x=4**

First… Find the vertex!

Now choose some values *near* the vertex and make a table.

|  |  |
| --- | --- |
|  |  |
| **1** | **-3** |
| **2** | **-1** |
| **3** | **5** |

V( )

**x=1**

What is this form called? **STANDARD FORM**

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

Vertex at   
Now choose some values *near* the vertex and make a table.

**Station 2 – Graph!**

10

|  |  |
| --- | --- |
|  |  |
| **2** | **-6** |
| **1** | **-9** |

10

**x=3**

Vertex at   
Now choose some values *near* the vertex and make a table.

10

10

|  |  |
| --- | --- |
|  |  |
| **-5** | **-1** |
| **-4** | **5** |

**x= -6**

What is this form called? **VERTEX FORM**

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

**Station 3 – Graph!**

x-intercepts at   
 and

The axis of symmetry must be in the   
middle of these values.

10

-16

**x=1**

x-intercepts at   
 and

The axis of symmetry must be in the   
middle of these values.

10

-18

The axis of symmetry must be in the   
middle of these values.

x-intercepts at   
 and

**x=2**

12 --

10

**x=2**

What is this form called? **INTERCEPT FORM**

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

**Station 4**

Vertex?

Opens up or down? **DOWN**

What is the maximum or minimum value on the graph? ***Maximum* value of**

Vertex?

Opens up or down? **UP**

What is the maximum or minimum value on the graph? ***Minimum* value of**

The intercepts are at

Vertex?

Opens up or down? **UP**

What is the maximum or minimum value on the graph? ***Minimum* value of**

**Algebra 2 CCP – Review for 1.1-2 Half-Test**

SOLUTIONS

**Station 5 – Rewrite in *Standard* Form**