GSE Algebra 1 **8.7 – C.T.S to Vertex form** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Complete the square to solve for x**.

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Now we are going to complete the square and leave it in vertex form.

**\*\* Vertex form**:

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| --- | --- |
| Vertex: \_\_\_\_\_\_\_\_\_\_\_\_\_ Max or Min: \_\_\_\_\_\_\_\_\_\_\_ | Vertex: \_\_\_\_\_\_\_\_\_\_\_\_ Max or Min: \_\_\_\_\_\_\_\_\_\_\_ |
| Vertex: \_\_\_\_\_\_\_\_\_\_\_ Min or Max: \_\_\_\_\_\_\_\_ | Vertex: \_\_\_\_\_\_\_\_\_\_\_\_ Min or Max: \_\_\_\_\_\_\_\_\_\_ |
| Vertex: \_\_\_\_\_\_\_\_\_\_\_\_ Min or max: \_\_\_\_\_\_\_\_\_\_\_ | Vertex: \_\_\_\_\_\_\_\_\_ Min or Max: \_\_\_\_\_\_\_\_\_\_ |

|  |  |
| --- | --- |
| Vertex: \_\_\_\_\_\_\_\_ Min or Max: \_\_\_\_\_\_\_\_\_\_\_\_ | Vertex: \_\_\_\_\_\_\_\_\_\_\_ Min or Max: \_\_\_\_\_\_\_\_\_\_\_\_\_ |

Let’s look at these **special** **cases** for complete the square.

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