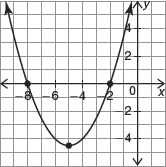
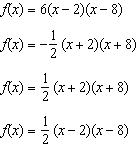
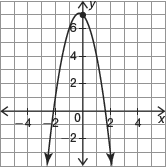
**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_3.1 HW - Pre AP Algebra 2**

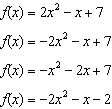
**Problem Set**

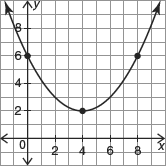
Circle the function that matches each graph. Explain your reasoning.

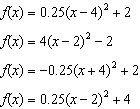
**1.** 

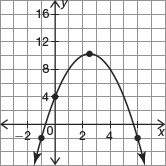


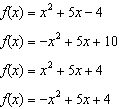
**3.** 



**2.** 



**4.** 



Convert each quadratic function in factored form to standard form.

**5.** 

Convert each quadratic function in vertex form to standard form.

**6.** 

Complete the table below by converting the given quadratic function into its other two forms.

**7.**

|  |  |  |
| --- | --- | --- |
| **Standard Form** | **Vertex Form** | **Factored Form** |
|  |  |  |

**8.**

|  |  |  |
| --- | --- | --- |
| **Standard Form** | **Vertex Form** | **Factored Form** |
|  |  |  |