**Simplify the Radical:**

1. $\sqrt{280}$

**Factor completely**

2. $25x^{2}-49$

3. $6x^{2}-5x-4$

4. **Solve by Graphing. Complete the table, graph, and find the solutions. Show all work.**

|  |  |  |
| --- | --- | --- |
| *x* | $$y=x^{2}-9$$ | *Y* |
| -3 |  |  |
| -2 |  |  |
| -1 |  |  |
| 0 |  |  |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |

 Solutions: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_