**You must SHOW ALL WORK to receive full credit.**

**Solve the following equations.**

1. $16-2\left(3x+1\right)=15x$ 2. $3\left(3x+4\right)+2=6\left(x+4\right)+5$

**Fill out the following tables.**

3.

|  |  |  |
| --- | --- | --- |
| **x** | $$y=-2x+5$$ | **y** |
| **-3** |  |  |
| **2** |  |  |
| **9** |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| # | Fraction | Decimal | Percent |
| 4. |  |  | 25% |

5. What is the slope of the stairs in this diagram?

48 in

60 in