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

**Solve the following equations.**

1. $6-4\left(3x+1\right)=2x-(5x-7)$ 2. $8x-4=2x$

**Fill out the following table.**

|  |  |  |  |
| --- | --- | --- | --- |
| # | Fraction | Decimal(nearest thousandth) | Percent(to the nearest tenth) |
| 3. | $$\frac{5}{6}$$ |  |  |
| 4. | $$\frac{581}{625}$$ |  |  |

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

48 in

75 in

30 in