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

**Solve the following equation.**

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

**Fill out the following table.**

|  |  |  |  |
| --- | --- | --- | --- |
| # | Fraction | Decimal(nearest thousandth) | Percent(to the nearest tenth) |
| 2. | $$\frac{981}{275}$$ |  | 60 in79 in15 in |

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

**Evaluate.**

4. $72÷8\left(6-4\right)^{2}$ 5. $A=\frac{1}{2}bh for b=6 cm and h=14 cm$