***LT #3: Solving Equations***

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve the equations.

1. $2g+12=15 $**(2 pt.)** 2. $\frac{1}{2}\left(4x-8\right)=\frac{2}{3}(6x+3)$ **(4 pt.)**

Solve each equation or formula for the specified variable. **(3 pt. each)**

3. $V=\frac{1}{3}πr^{2}$, for *r* 4. $5x+2y=10$, for *y*

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***LT #4: Solving Inequalities***

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



Solve the inequality and graph your answer.

5. $6-2x>\frac{1}{2}(4x-6)$ **(3 pt.)**

6. $5<3x-1\leq 8$ **(5 pt.)**

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