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

**Solve the following equations.**

1. $2\left(6x+4\right)=4(2x+5)$ 2. $6\left(x+1\right)=2(2x+10)$

**Use PEMDAS to simplify the following expressions.**

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

4. $12÷3\left(4-2\right)=$ \_\_\_\_\_\_\_\_\_\_\_  = \_\_\_\_\_\_\_\_

5. $(3+4)^{2}-10÷2=$ \_\_\_\_\_\_\_\_\_\_\_\_\_\_