**Solve each equation (3 points each):**

 /15

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

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

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

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

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

1. $2^{5x-1}=32$
2. $2^{3x}=4^{x+1}$
3. $2^{x}=3$
4. $log2x=-1$
5. $logx-log3=8$

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