Name\_\_\_\_\_\_\_THIS IS A CLASS COPY\_\_\_\_\_\_\_\_\_ Class\_\_\_DON’T WRITE ON ME\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_

**Solve each system of equations for *y=mx+b* and then graph. Determine if the system has one, none, or infinite solutions.**

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**7.** When can you tell if a system has no solution, one solution, or infinitely many solutions before you graph? Can you give an example of each?