Name: _____   Date: _____
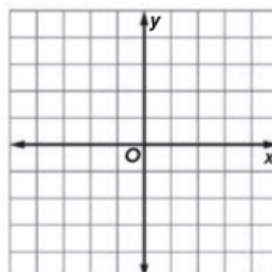
_____

Solve each equation by graphing. Check your solution.   Show work needed to justify your answer.
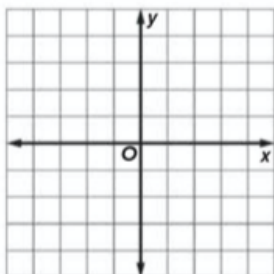
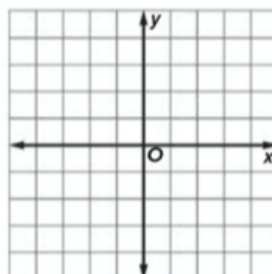**14.** $2x - 3 = 3$
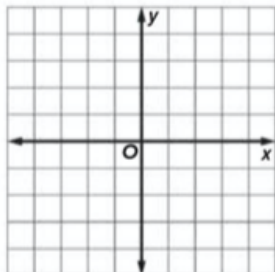
15. $-4x + 2 = -4x + 1$

16. $4 = \frac{1}{2}x + 5$

18. $3x - 5 = 3x - 3$

20. INVITATIONS Moesha and Keyon are mailing invitations for their wedding. They have $50 to spend and each invitation costs $1.25 to mail. The function $m = 50 - 1.25w$ represents the amount of money m Moesha and Keyon have left after mailing w wedding invitations. Find the zero of the function. Describe what this value means in the context of this situation.

21. GIFT BAGS Juanita is tying ribbon on gift bags. She has 24 feet of ribbon and each gift bag uses 0.75 foot of ribbon. The function $r = 24 - 0.75g$ represents the amount of ribbon r Juanita has left after tying ribbon on g gift bags. Find the zero of the function. Describe what this value means in the context of this situation.

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