

QUESTION

For each of the following:



or

Year	2010	2011	2012
Population (in millions)	12.5	13.0	13.5

Write a linear equation that models the data. Then use the equation to predict the population in 2015.

ANSWER

1. $y = 0.1x + 12.5$ $y = 0.1x + 13.0$
2. $y = 0.1x + 12.5$ $y = 0.1x + 13.0$

3. $y = 0.1x + 12.5$ $y = 0.1x + 13.0$
4. $y = 0.1x + 12.5$ $y = 0.1x + 13.0$

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11. $y = 0.1x + 12.5$ $y = 0.1x + 13.0$
12. $y = 0.1x + 12.5$ $y = 0.1x + 13.0$

13. $y = 0.1x + 12.5$ $y = 0.1x + 13.0$
14. $y = 0.1x + 12.5$ $y = 0.1x + 13.0$