

Patterns, Equations, and Graphs Assignment

Tell whether the given equation has the ordered pair as a solution.

1. $x = y + 6$ (3, -3) 2. $y - 6 = 3x$ (1, 9)

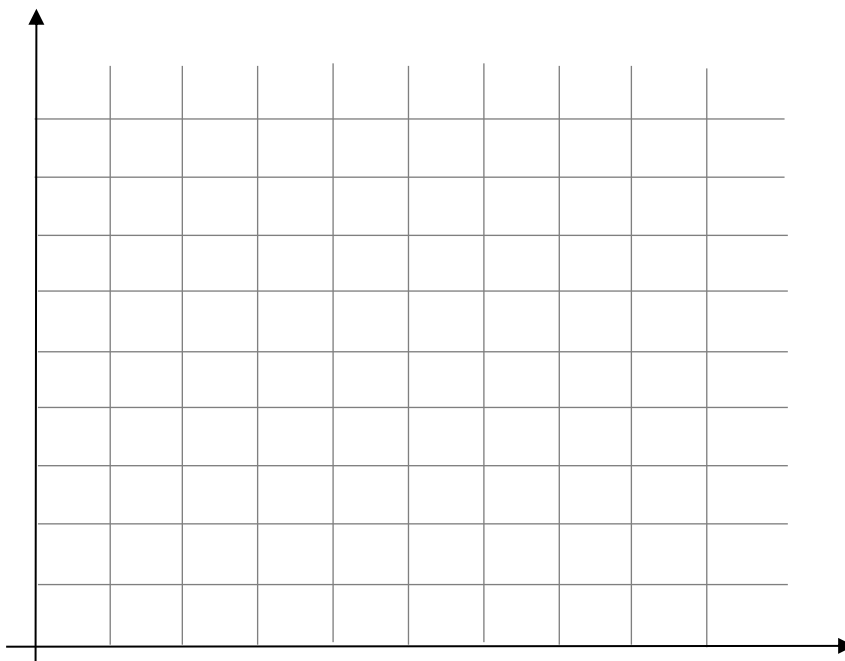
3. $y - 2x = 3$ (5, 12) 4. $y = 2x + 3$ (-3, -3)

5. $y - 6x = 2$ (2, 13) 6. $y = x - 2$ (2, 1)

7. $x + 7 = y - 3$ (3, 12) 8. $x - 8 = 3y$ (11, 1)

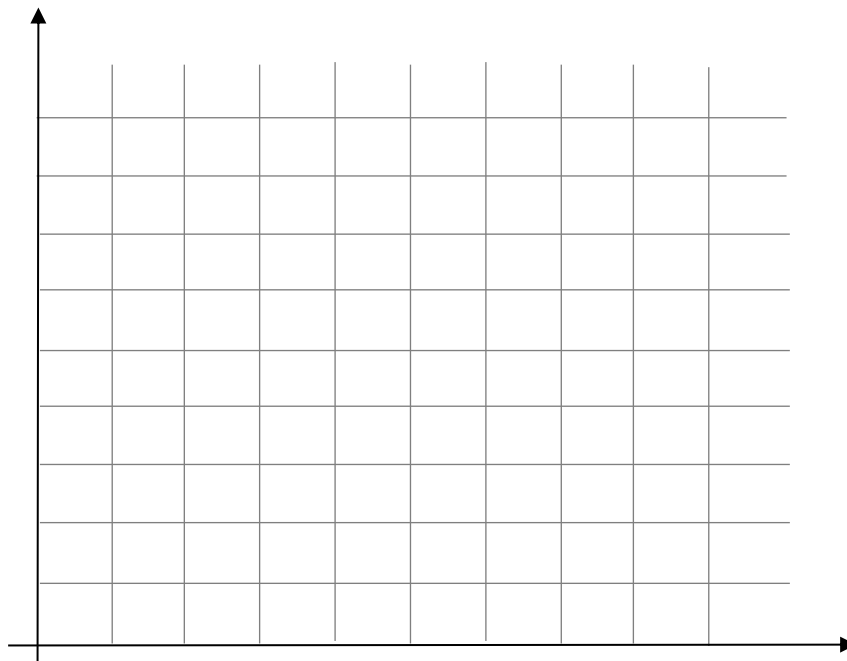
Use a table, an equation, and a graph to represent each relationship.

9. Susy makes 3 bracelets per hour.



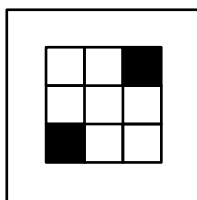
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10. Tina earns \$2.5 for every hour babysitting.

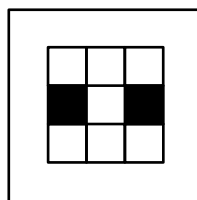


Predict the next figure in the each sequence.

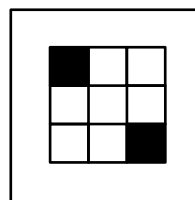
11.



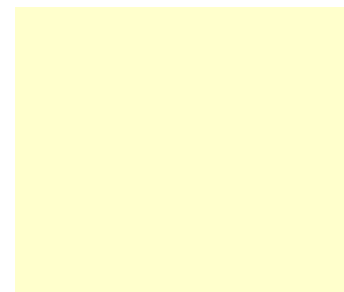
i.



ii.



iii.



iv.