1. $y=\frac{1}{2} x^{2}+2 x-6$

| $\boldsymbol{x}$ | $y$ |
| :---: | :---: |
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|  |  |

Fill in the blank with $x$ or $y$.
2. The equation for a horizontal line will only have a
3. The equation for a vertical line will only have a $\qquad$ .

Graph the following:
4. $x=-4$

6. $y=-x$
5. $y=x$

7. $y=2$

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8. $y=-\frac{1}{2} x+5$
9. $y=2 x-4$

10. Create a graph to model the following situation: Olivia is given $\$ 50$ for her birthday that she puts in a savings account. She starts adding $\$ 20$ to the account each month. Be sure to label the axes! (The answer is NOT in the answer key.)


Answers:







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Answers:







