

Math Sheet

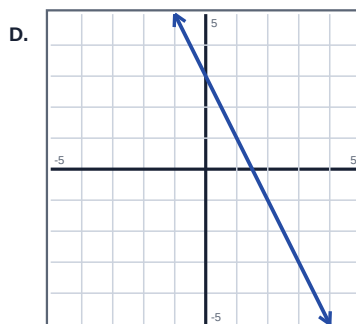
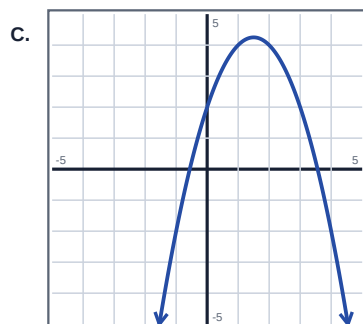
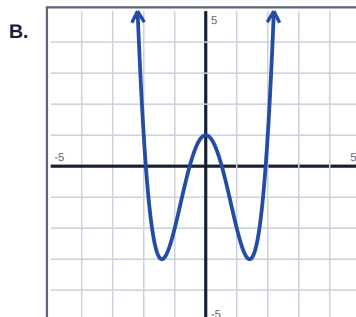
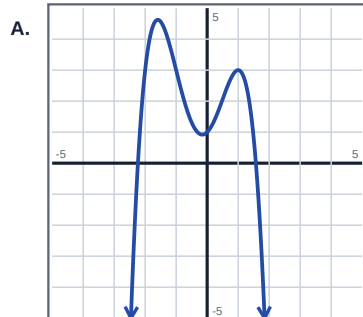
Name _____ Score _____ / 8 Teacher _____ Date _____

Polynomial Graph Identification

Choose the graph A-D that represents each expanded polynomial function $y = p(x)$. All plots use the same -5 to 5 scale.

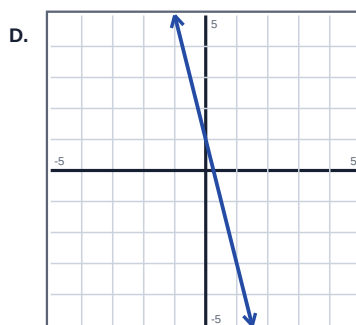
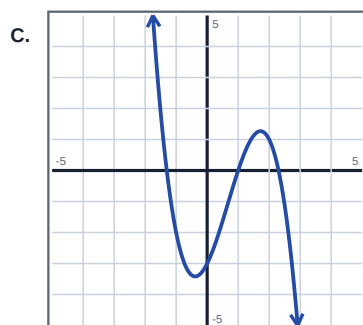
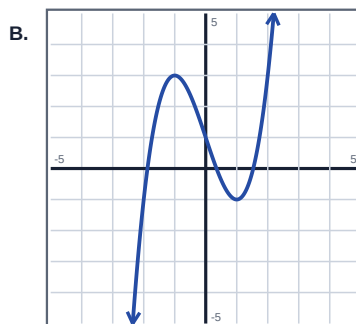
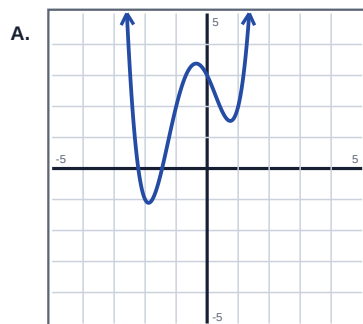
1. $y = -x^4 - x^3 + 3x^2 + x + 1$

Answer: _____



2. $y = x^3 - 3x + 1$

Answer: _____



Math Sheet

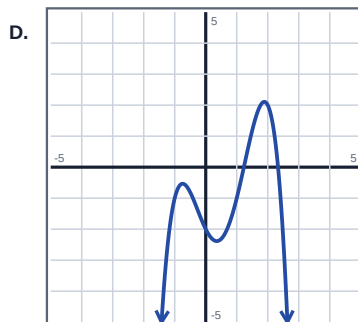
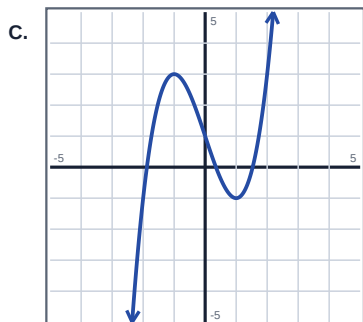
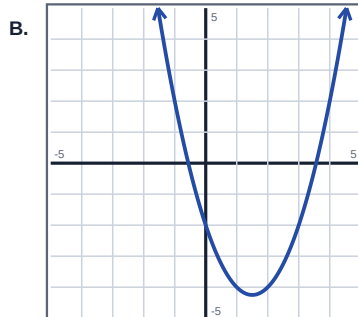
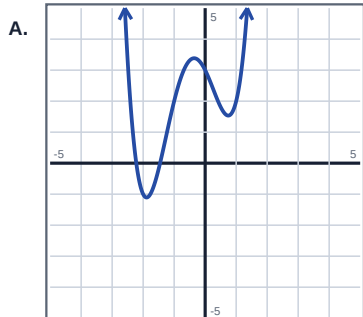
Name _____ Score _____ / 8 Teacher _____ Date _____

Polynomial Graph Identification

Choose the graph A-D that represents each expanded polynomial function $y = p(x)$. All plots use the same -5 to 5 scale.

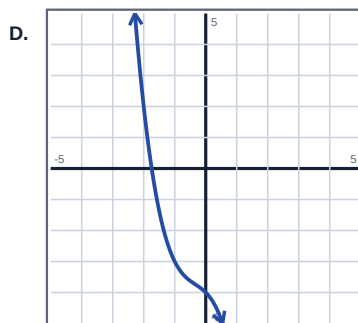
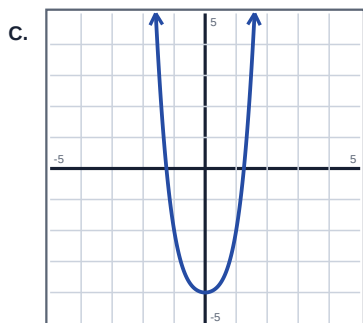
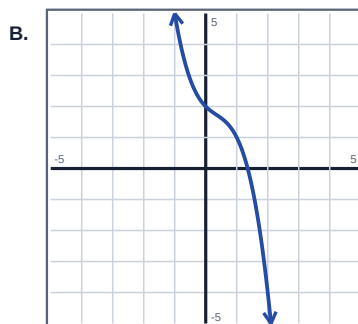
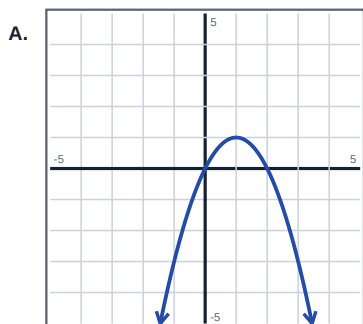
3. $y = -x^4 + 2x^3 + 2x^2 - 2x - 2$

Answer: _____



4. $y = -x^3 - x^2 - x - 4$

Answer: _____



Math Sheet

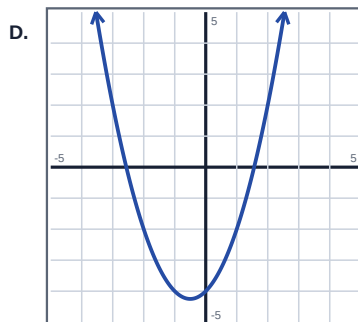
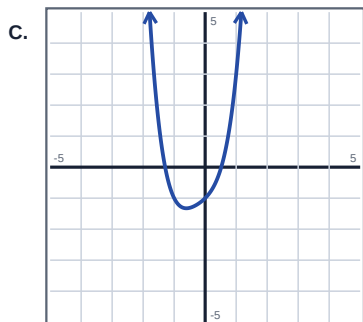
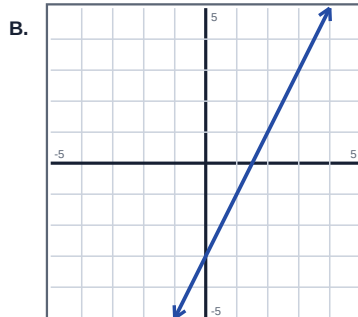
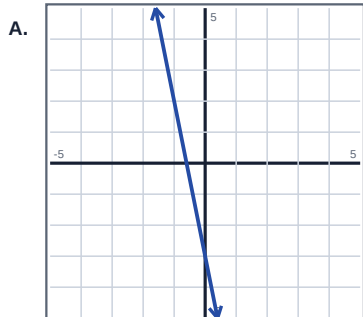
Name _____ Score _____ / 8 Teacher _____ Date _____

Polynomial Graph Identification

Choose the graph A-D that represents each expanded polynomial function $y = p(x)$. All plots use the same -5 to 5 scale.

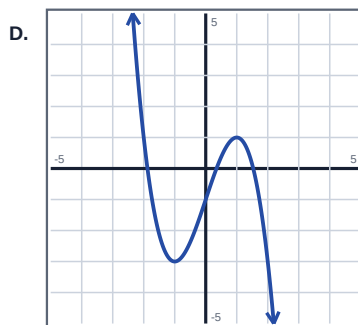
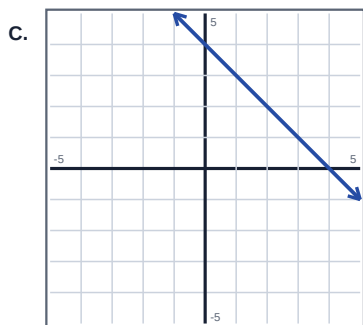
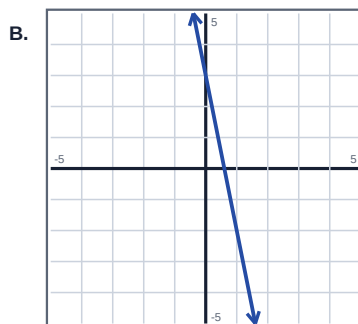
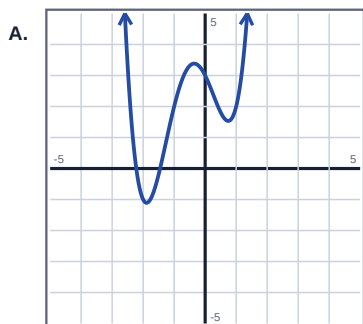
5. $y = -5x - 3$

Answer: _____



6. $y = -5x + 3$

Answer: _____



Math Sheet

Name _____ Score _____ / 8 Teacher _____ Date _____

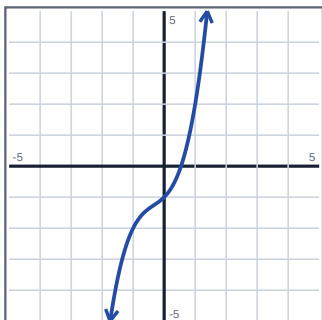
Polynomial Graph Identification

Choose the graph A-D that represents each expanded polynomial function $y = p(x)$. All plots use the same -5 to 5 scale.

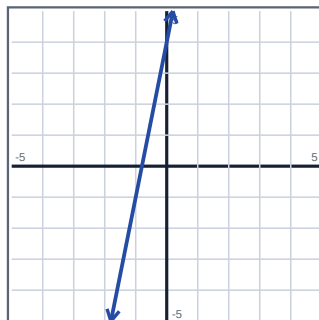
7. $y = x^2 - x + 1$

Answer: _____

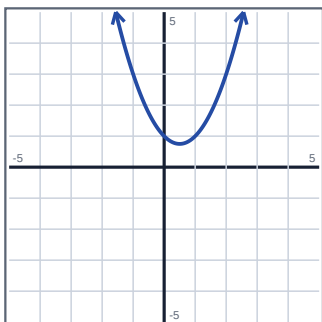
A.



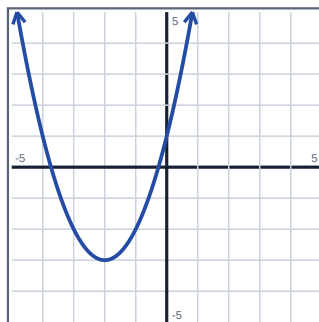
B.



C.



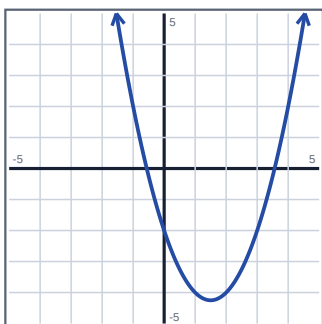
D.



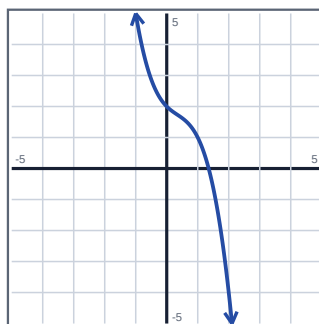
8. $y = -2x^2 + 2x + 2$

Answer: _____

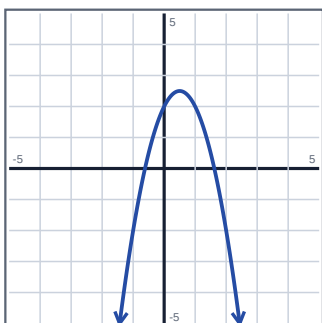
A.



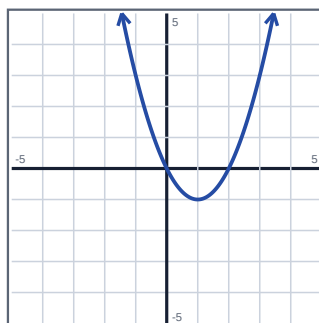
B.



C.



D.



Math Sheet

Name _____ Score _____ / 8 Teacher _____ Date _____

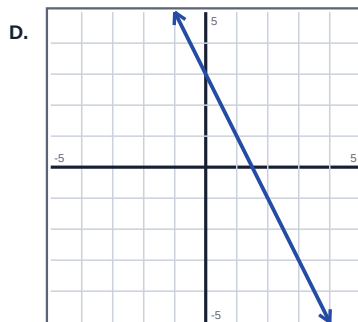
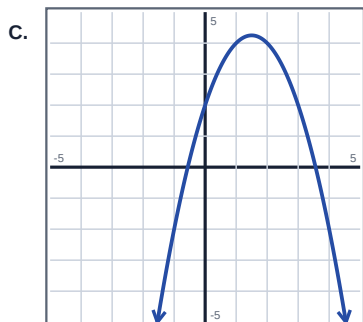
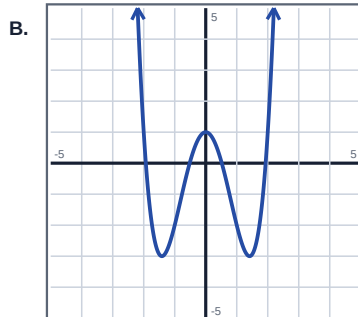
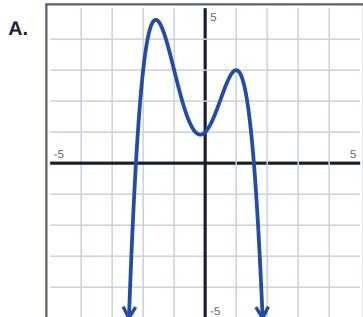
Polynomial Graph Identification

Answer key

Choose the graph A-D that represents each expanded polynomial function $y = p(x)$. All plots use the same -5 to 5 scale.

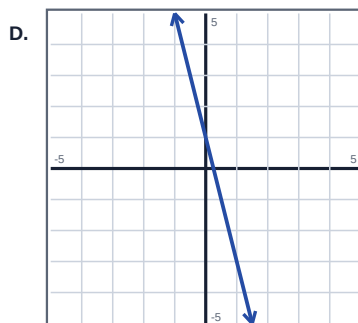
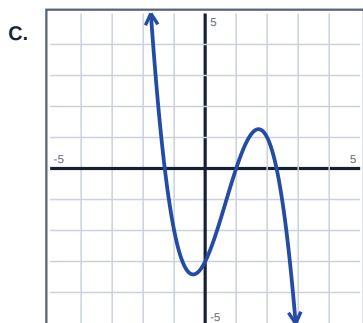
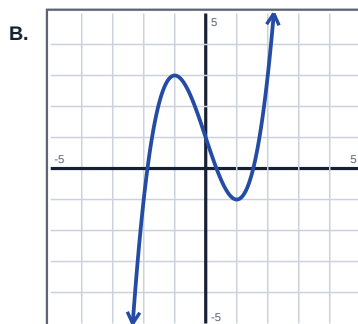
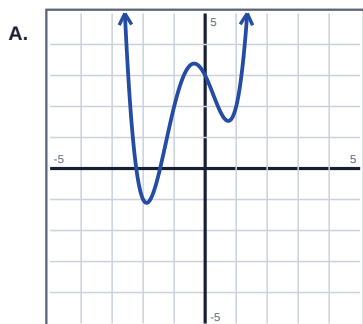
1. $y = -x^4 - x^3 + 3x^2 + x + 1$

Answer: A



2. $y = x^3 - 3x + 1$

Answer: B



Math Sheet

Name _____ Score _____ / 8 Teacher _____ Date _____

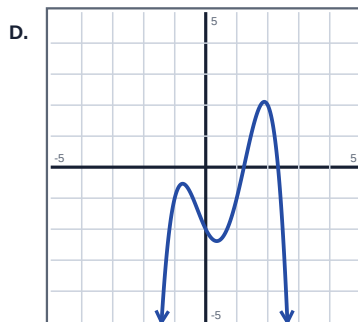
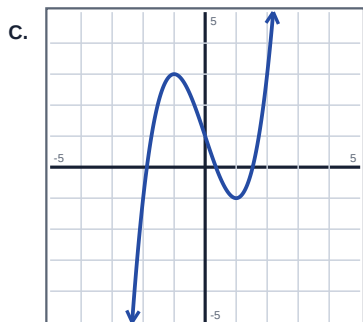
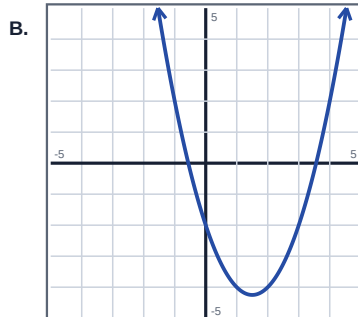
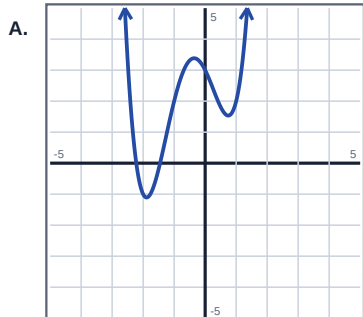
Polynomial Graph Identification

Answer key

Choose the graph A-D that represents each expanded polynomial function $y = p(x)$. All plots use the same -5 to 5 scale.

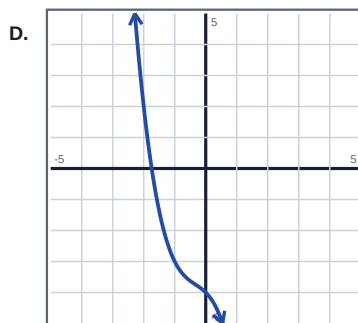
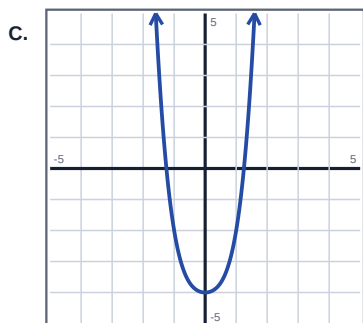
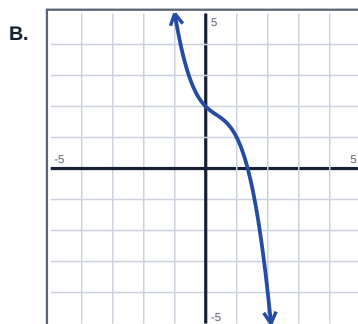
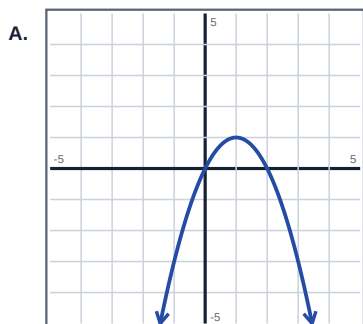
3. $y = -x^4 + 2x^3 + 2x^2 - 2x - 2$

Answer: D



4. $y = -x^3 - x^2 - x - 4$

Answer: D



Math Sheet

Name _____ Score _____ / 8 Teacher _____ Date _____

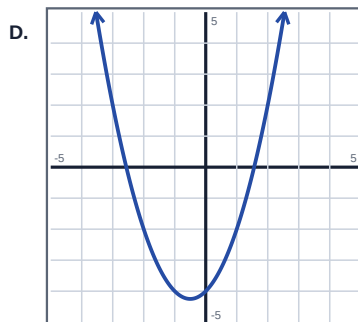
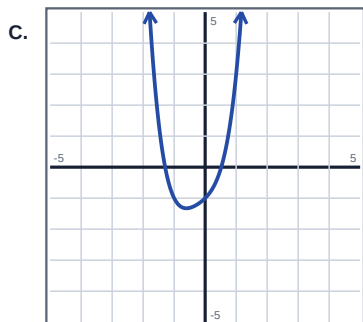
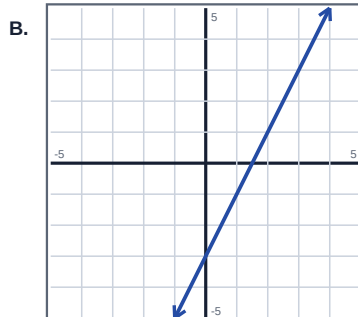
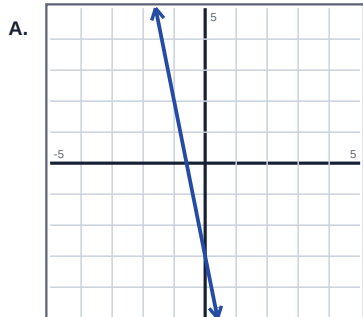
Polynomial Graph Identification

Answer key

Choose the graph A-D that represents each expanded polynomial function $y = p(x)$. All plots use the same -5 to 5 scale.

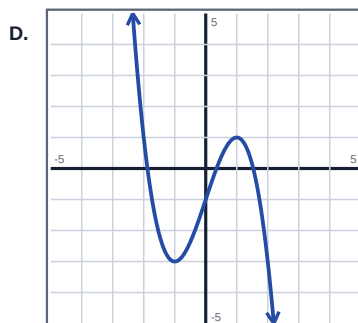
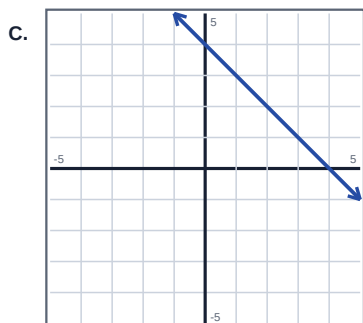
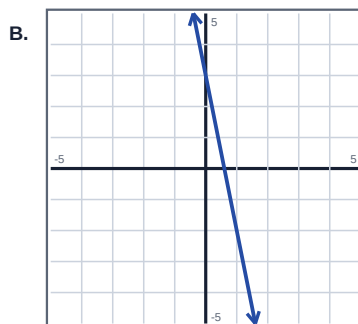
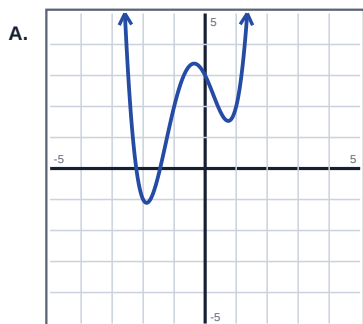
5. $y = -5x - 3$

Answer: A



6. $y = -5x + 3$

Answer: B



Math Sheet

Name _____ Score _____ / 8 Teacher _____ Date _____

Polynomial Graph Identification

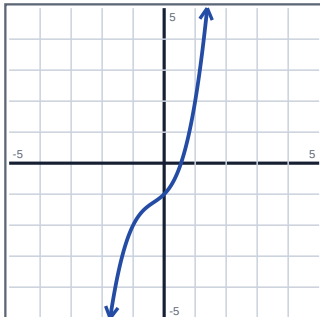
Answer key

Choose the graph A-D that represents each expanded polynomial function $y = p(x)$. All plots use the same -5 to 5 scale.

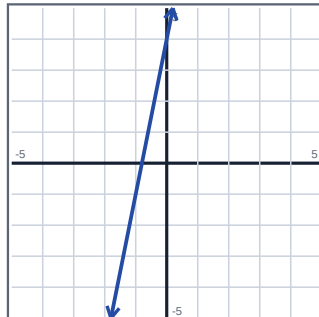
7. $y = x^2 - x + 1$

Answer: C

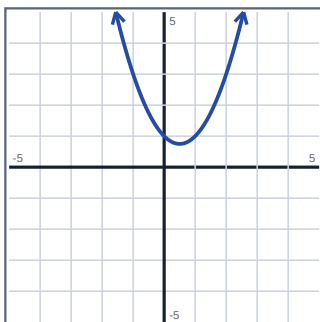
A.



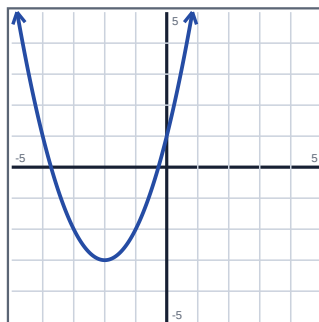
B.



C.



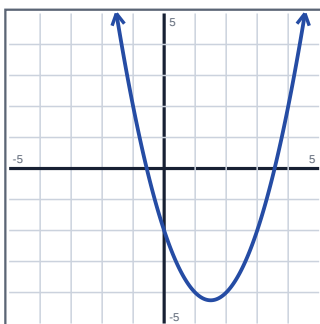
D.



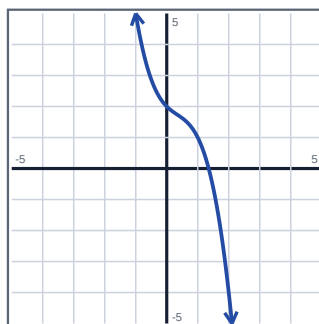
8. $y = -2x^2 + 2x + 2$

Answer: C

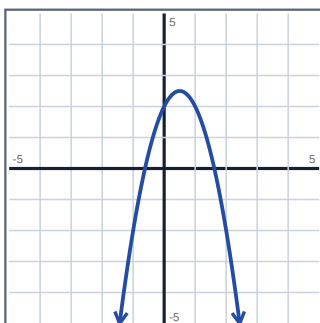
A.



B.



C.



D.

