

5.2 D Worksheet

Name: _____ Period: _____

Simplify.

1. $\sqrt{16}$

2. $\sqrt{120}$

3. $\sqrt{36}$

4. $4\sqrt{50}$

5. $2\sqrt{171}$

6. $10\sqrt{720}$

7. $\frac{\sqrt{36}}{2}$

8. $\frac{3\sqrt{72}}{15}$

9. $\frac{4\sqrt{18}}{12}$

10. $\frac{6+2\sqrt{25}}{4}$

11. $\frac{-6-\sqrt{243}}{3}$

12. $\frac{8+4\sqrt{30}}{10}$

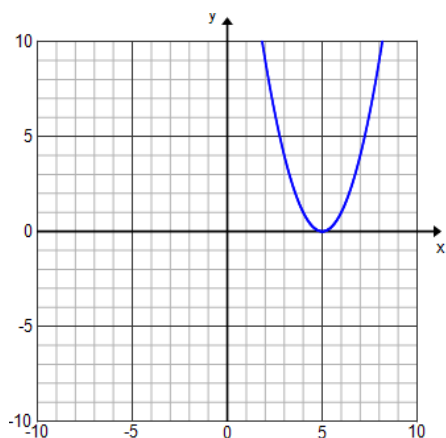
13. $\frac{18+2\sqrt{216}}{25}$

14. $\frac{16+3\sqrt{16}}{7}$

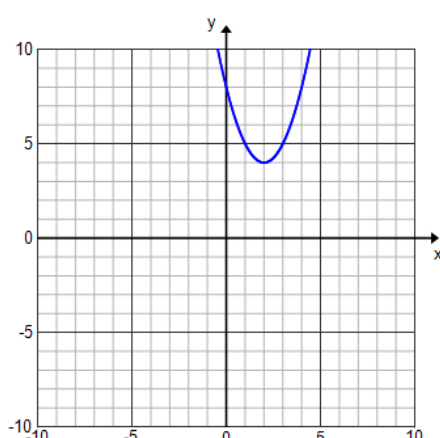
15. $\frac{-45-7\sqrt{225}}{30}$

16. Label each graph has having a positive, negative, OR zero discriminant.

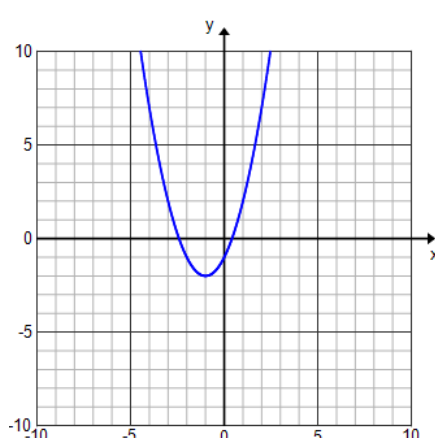
a) _____



b) _____

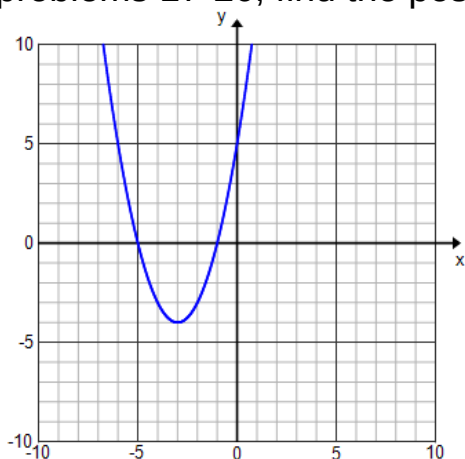


c) _____

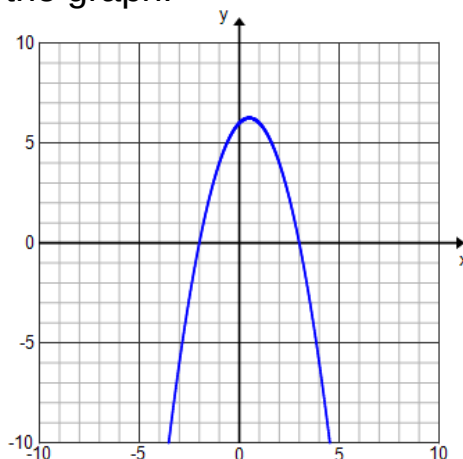


For problems 17-20, find the possible equation of the graph.

17.



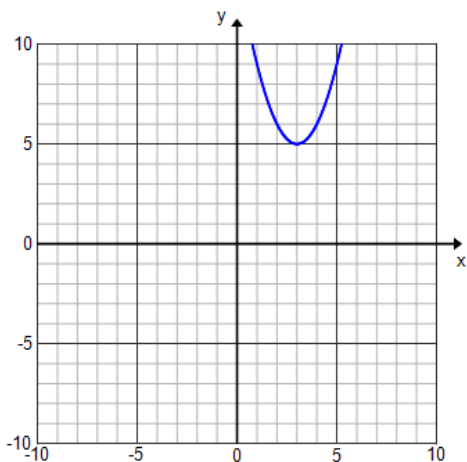
19.



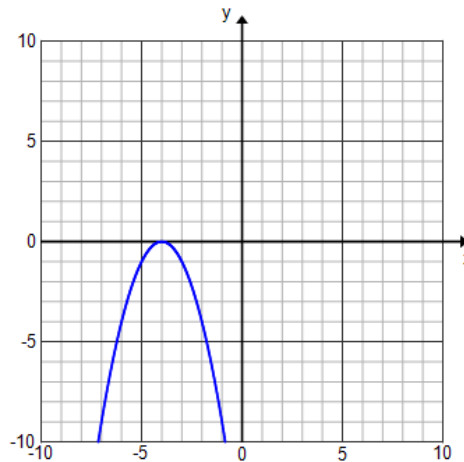
Possible Equation: _____

Possible Equation: _____

18.



20.



Possible Equation: _____

Possible Equation: _____