**CHAPTER 9 PRACTICE TEST C1-3**



$$y=2x^{2}+4x-5$$

$$y=\frac{1}{3}x^{2}-2x-5$$

$$y=-2x^{2}-8x-1$$

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









Opens: Up or Down

Vertex: ( , )

Axis of symmetry: x =\_\_\_\_

a= \_\_\_\_ , so the graph is

Wide(fat), Narrow (skinny) or Normal

(circle one)

Roots: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

$$y=-\frac{1}{3}x^{2}-x+6$$

Opens: Up or Down

Vertex: ( , )

Axis of symmetry: x =\_\_\_\_

a= \_\_\_\_ , so the graph is

Wide(fat), Narrow (skinny) or Normal

(circle one)

Roots: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

$$y=x^{2}-4x-5$$



11.

10.

9.





15.

14.

13.

12.





19.

18.

17.

16.





a= \_\_\_\_\_

b= \_\_\_\_\_

c= \_\_\_\_\_

a= \_\_\_\_\_

b= \_\_\_\_\_

c= \_\_\_\_\_

21.

20.