

### Quadratic - Factored Form #1

Amanda Zito

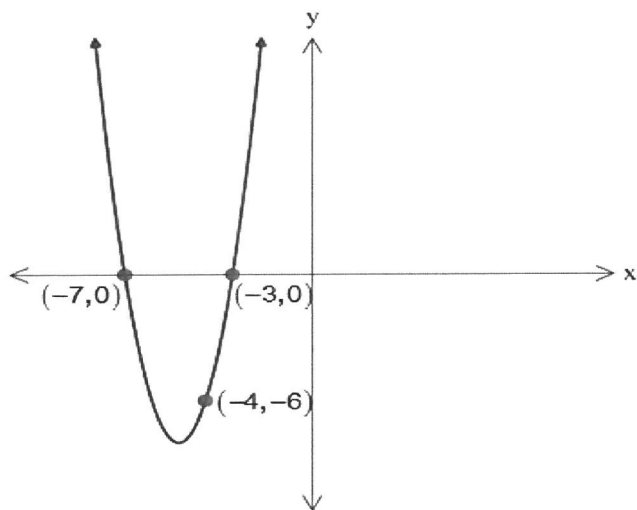
#### Question 1

Determine the rule of a **quadratic function in factored form** given the following information:

- the x-intercepts are 4 and -4
- the y-intercept is 8

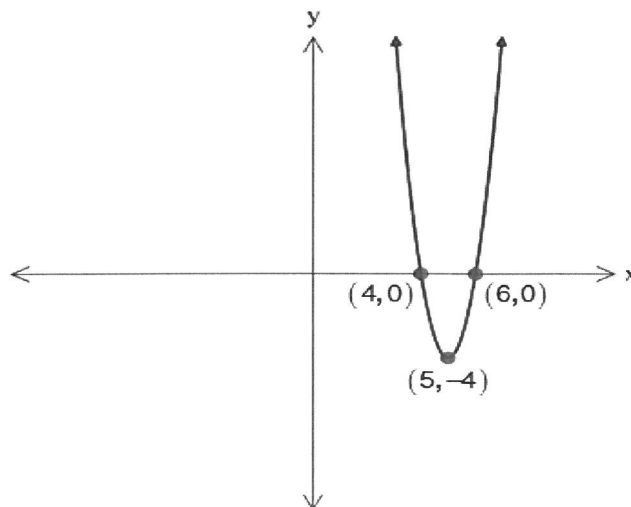
#### Question 2

Determine the rule of the quadratic function shown in the graph below and write it in the **factored form**.



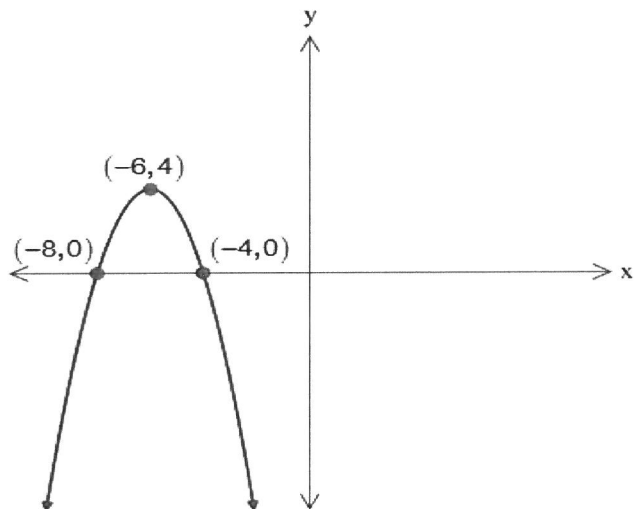
#### Question 3

Determine the rule of the quadratic function shown in the graph below and write it in the **factored form**.



### Question 4

Determine the rule of the quadratic function shown in the graph below and write it in the **factored form**.



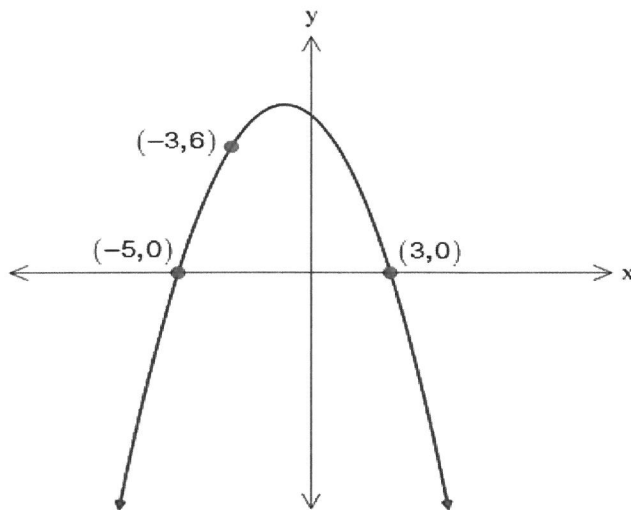
### Question 5

Determine the rule of a **quadratic function in factored form** given the following information:

- the x-intercepts are 4 and 10
- the y-intercept is 30

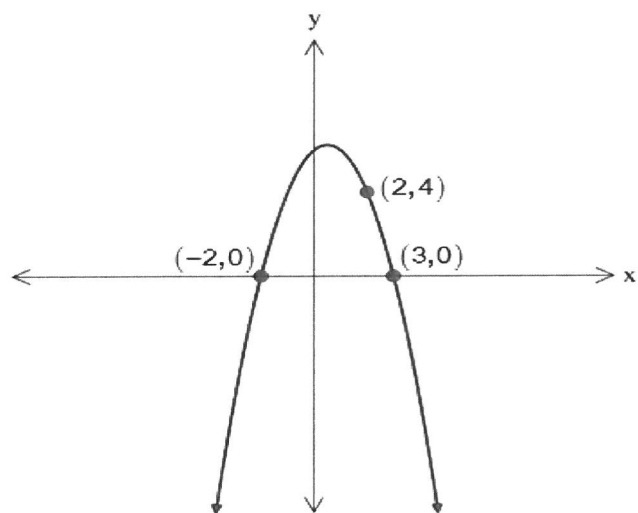
### Question 6

Determine the rule of the quadratic function shown in the graph below and write it in the **factored form**.



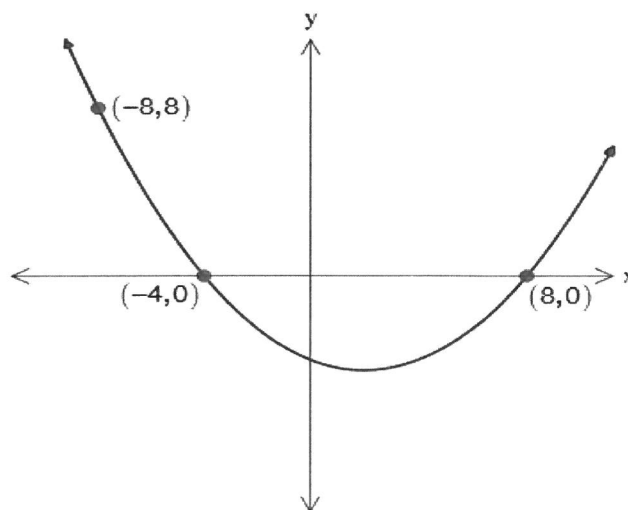
### Question 7

Determine the rule of the quadratic function shown in the graph below and write it in the **factored form**.



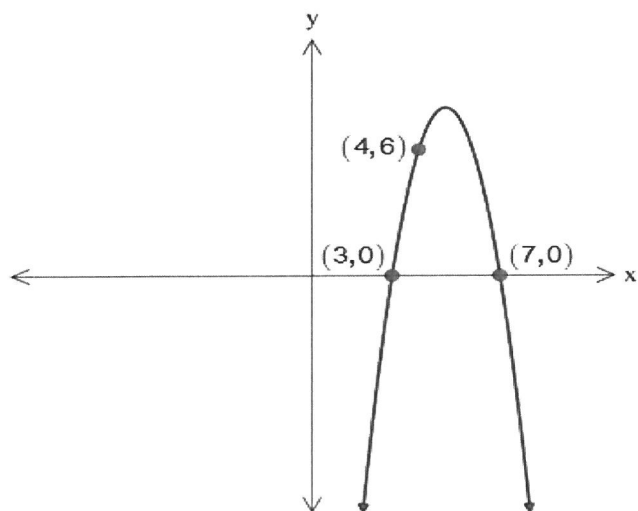
### Question 8

Determine the rule of the quadratic function shown in the graph below and write it in the **factored form**.



### Question 9

Determine the rule of the quadratic function shown in the graph below and write it in the **factored form**.



### Question 10

Determine the rule of the quadratic function shown in the graph below and write it in the **factored form**.

