Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write the equation for the absolute value graphs.

1. ![[image]]()
2. ![[image]]()
3. ![[image]]()
4. ![[image]]()
5. ![[image]]()
6. ![[image]]()

![[image]]()Graph the absolute value function. State the vertex and the value of “a”.

1. 
2. ![[image]]()
3. ![[image]]()
4. ![[image]]()

Describe the transformations.

1. 
2. 
3. 
4. 
5. 
6. 

Solve the following equations for x.

1. 
2. 
3. 
4. 
5. 
6. 
7.  

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pt. of Discontinuity: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Increasing: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Domain: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Range: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pt. of Discontinuity: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Increasing: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_