

Section 1.3 Answers:

1)  $x = 5$  Reason 1

3)  $x = 8$  Reason 3

5)  $x = 5$  Reason 2  $x = 10$  Reason 1

7)  $x = -5$  Reason 1  $x = 10$  Reason 1

9)  $x = 2$  Reason 3  $x = 3$  Reason 1  $x = 5$  Reason 2

11)  $x = -4$

13)  $x = -3$

15)  $x = -2$

17)  $x = -2$   $x = -1$

19) The function is continuous everywhere

21) The function is continuous everywhere

23)  $x = 6$

25)  $x = 5$

27) Continuous everywhere

29) Continuous everywhere