

1. $-\frac{3}{4}$

3. $\frac{6}{5}$

5. $\frac{3}{2}$

7. -1

9. Function? **YES**

Why? **Passes the VLT**

Domain: $(-\infty, 2]$

Range: $[-2, \infty)$

Continuity: **Continuous**

Increasing: **NA**

Decreasing: $(-\infty, 2)$

Minimum: $f(2) = -2$

Maximum: **None**

Positive: $(-\infty, -2)$

Negative: $(-2, 2]$

x-intercept: $f(-2) = 0$

y-intercept: $f(0) = -1$

11. $f(-2) = 0$

15. $f(2) = -3$

17. **-\$1000**