

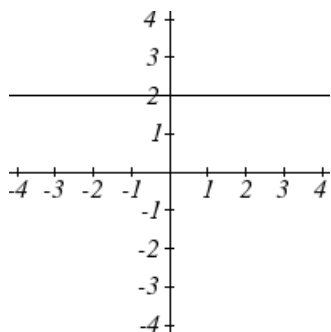
Unit 1 Assessment
Quiz 2 Toolkit: Section 1.2
Answer Key

1. Name: **Constant**

Equation $f(x) = c$

Domain $(-\infty, \infty)$

Range $[c]$

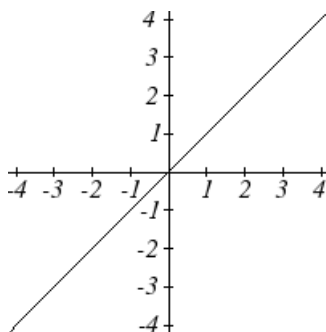


2. Name: **Linear/Identity**

Equation $f(x) = x$

Domain $(-\infty, \infty)$

Range $(-\infty, \infty)$

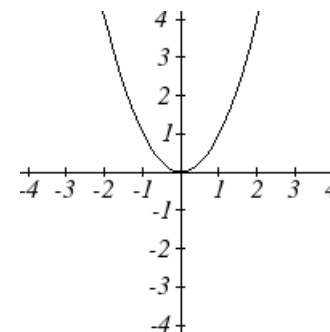


3. Name: **Quadratic**

Equation $f(x) = x^2$

Domain $(-\infty, \infty)$

Range $[0, \infty)$

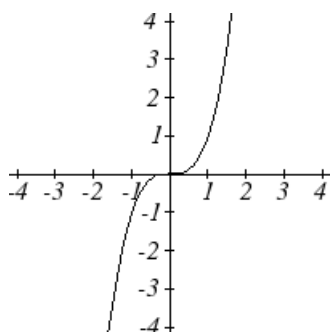


4. Name: **Cubic Root**

Equation $f(x) = x^3$

Domain $(-\infty, \infty)$

Range $(-\infty, \infty)$

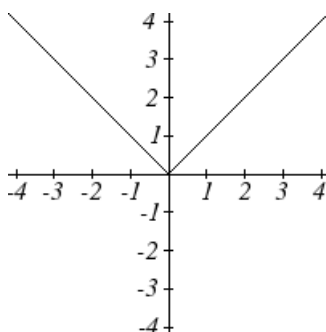


5. Name: **Absolute Value**

Equation $f(x) = |x|$

Domain $(-\infty, \infty)$

Range $[0, \infty)$

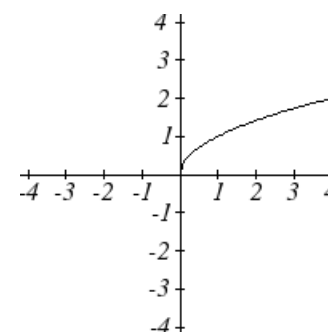


6. Name: **Square**

Equation $f(x) = \sqrt[2]{x} = \sqrt{x}$

Domain $[0, \infty)$

Range $[0, \infty)$

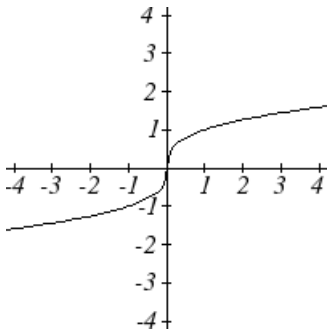


7. Name: **Cube Root Squared**

Equation $f(x) = \sqrt[3]{x}$

Domain $(-\infty, \infty)$

Range $(-\infty, \infty)$

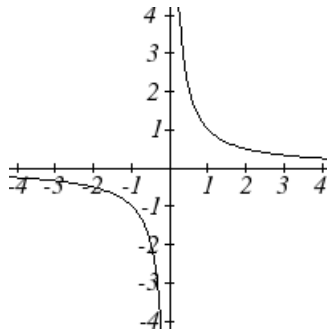


8. Name: **Reciprocal**

Equation $f(x) = \frac{1}{x}$

Domain $(-\infty, 0) \cup (0, \infty)$

Range $(-\infty, 0) \cup (0, \infty)$



9. Name: **Reciprocal Squared**

Equation $f(x) = \frac{1}{x^2}$

Domain $(-\infty, 0) \cup (0, \infty)$

Range $(0, \infty)$

