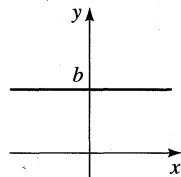


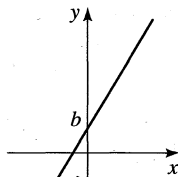
SOME FUNCTIONS AND THEIR GRAPHS

Linear functions

$$f(x) = mx + b$$



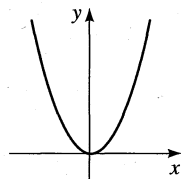
$$f(x) = b$$



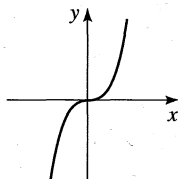
$$f(x) = mx + b$$

Power functions

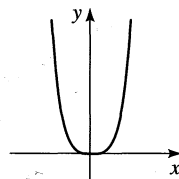
$$f(x) = x^n$$



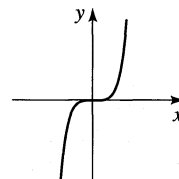
$$f(x) = x^2$$



$$f(x) = x^3$$



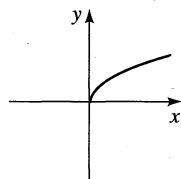
$$f(x) = x^4$$



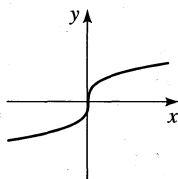
$$f(x) = x^5$$

Root functions

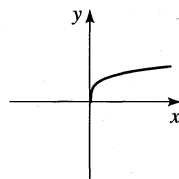
$$f(x) = \sqrt[n]{x}$$



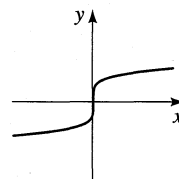
$$f(x) = \sqrt{x}$$



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



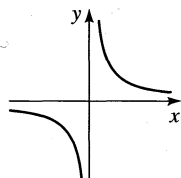
$$f(x) = \sqrt[4]{x}$$



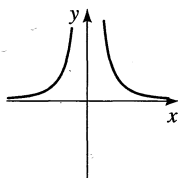
$$f(x) = \sqrt[5]{x}$$

Reciprocal functions

$$f(x) = 1/x^n$$



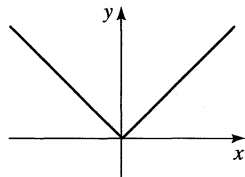
$$f(x) = \frac{1}{x}$$



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

Absolute value function

$$f(x) = |x|$$



$$f(x) = |x|$$