

Writing Functions

Ex) a) A lawyer's fee is \$200 per hour for their services.

$$f(x) = 200x$$

b) If the lawyer works 40 hours a week, how much will she make?

$$f(40) = 200(40) = \$8,000$$

Ex) The admission fee to a local carnival is \$8. Each ride costs \$1.50. Write a function to represent this statement.

$$f(x) = 1.50x + 8$$

b) Ride 10 rides

$$f(10) = 1.50(10) + 8 = 23$$

Ex) Steven buys lettuce that costs \$1.69/lb.

$$f(x) = 1.69x$$

b) Buy 3 lbs

$$f(3) = 1.69(3) = \$5.07$$

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