30. In parts (a)–(e) below, how does the value of one variable change as the value of the other changes? Estimate pairs of values that show the pattern of change you would expect. Record your estimates in a table with at least five data points.

Sample *hours* of television you watch in a week and your school *grade-point average*

As television time increases, I expect my grade-point average to decrease.

TV Time (hours per week)	0	5	10	15	20
Grade Point Average	3.5	3.25	3.0	2.75	2.5

a. *distance* from school to your home and *time* it takes to walk home

b. *price* of popcorn at a theater and *number of bags* sold

c. *speed* of an airplane and *time* it takes the plane to complete a 500-mile trip

d. *number of days* you keep a rented DVD and *late fee*

e. *length* of a long-distance telephone call in minutes and *cost* of the call

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