

Lesson 1, Part 2 Homework

Constant Rate of Change

1) Determine whether the relationship between the two quantities described in each table is linear. If so, find the constant rate of change. If not, explain your reasoning.

2) Determine whether a proportional relationship exists between the two quantities shown in each graph. Explain your reasoning.

1.

Hours Spent Babysitting	Money Earned (\$)
1	10
3	30
5	50
7	70

2.

Time (min)	Temperature (°F)
9	60
10	64
11	68
12	72

3.

Number of Students	Number of Magazines Sold
10	100
15	110
20	200
25	240

4.

Number of Trees	Number of Apples
5	100
10	120
15	150
20	130

