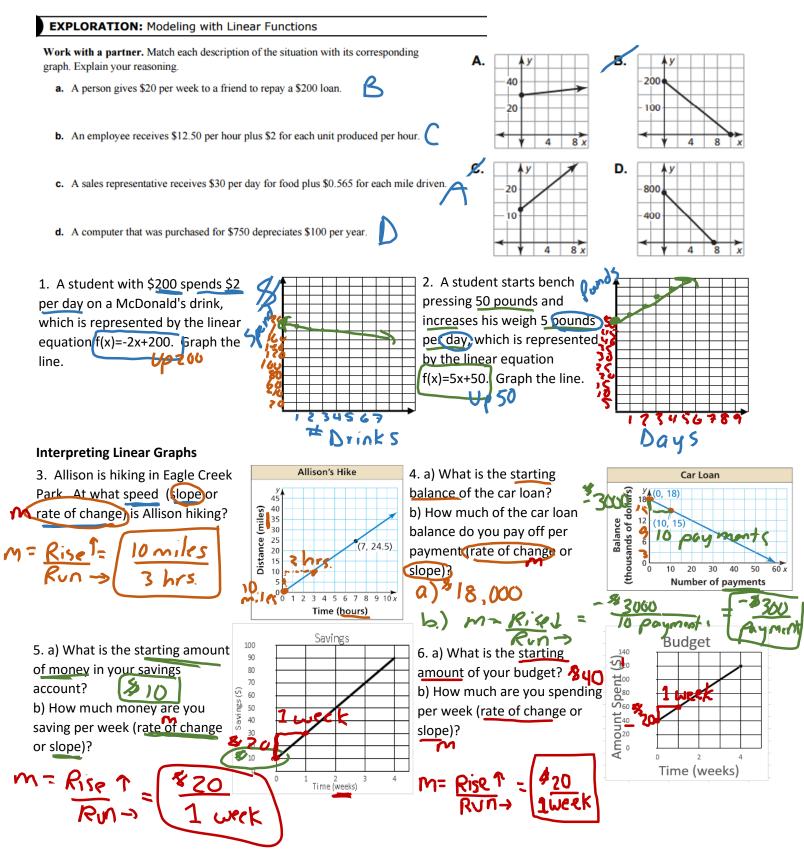
## 1.3 Modeling with Linear Functions (Day 1)

OBJ: Write equations of linear functions using points and slopes; Find lines of fit and lines of best fit Essential Question: How can you use a linear function to model and analyze a real-life situation?



## .3 Day 1 HW

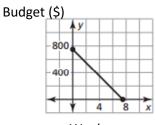
Interpret each scenario.

1. a) What is your starting distance from home?b) How fast are you riding your bike home (rate of change or slope)?

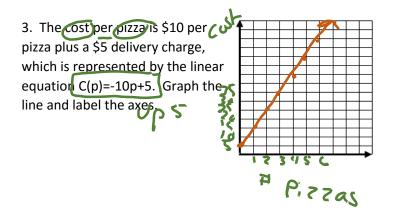
Distance from home							
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2. a) What is the starting amount of your budget?b) How much are you spending per week (rate of change or slope)?

Name



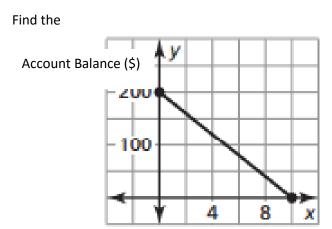
Week



4. Cable TV costs \$100 per month plus a \$50 installation fee, which is represented by t linear equation C(m)=5m+50. Graph the line and label the axes.

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slope and interpret the slope.

Time (Days)