



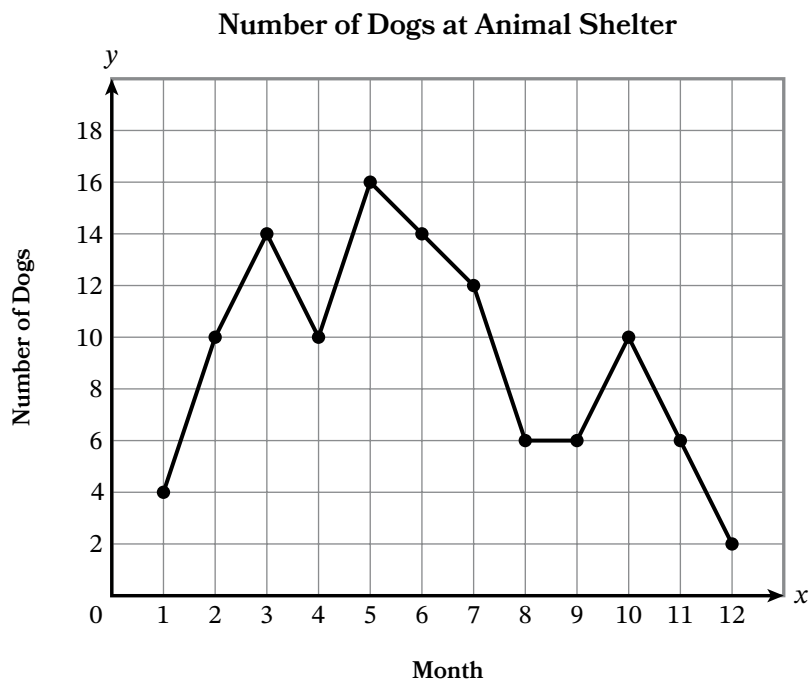
Name _____

Date _____

1. The line graph shows the number of dogs in an animal shelter at the start of each month over a year. Use the graph to complete parts (a)–(d).

- a. At the start of which month does the animal shelter have the greatest number of dogs?

- b. At the start of which month does the animal shelter have 2 dogs?



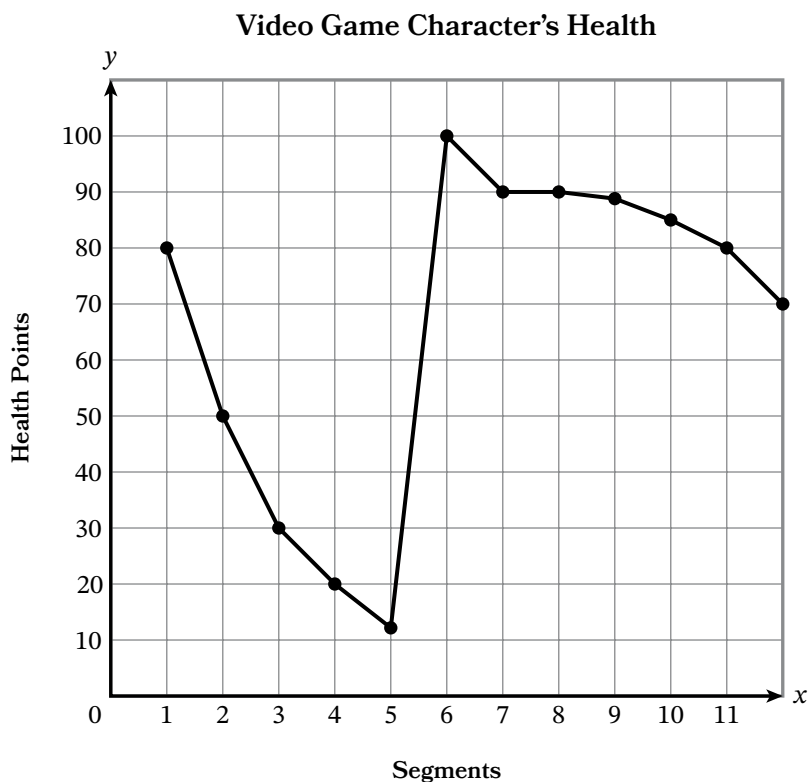
- c. Between the starts of which 2 months does the number of dogs not change?

- d. How many more dogs are at the shelter at the start of month 5 than at the start of month 4?

2. The line graph shows the number of health points a video game character has at the start of each segment of a quest. Use the graph to complete parts (a)–(d).

- a. During which segment does the number of the character's health points decrease most rapidly?

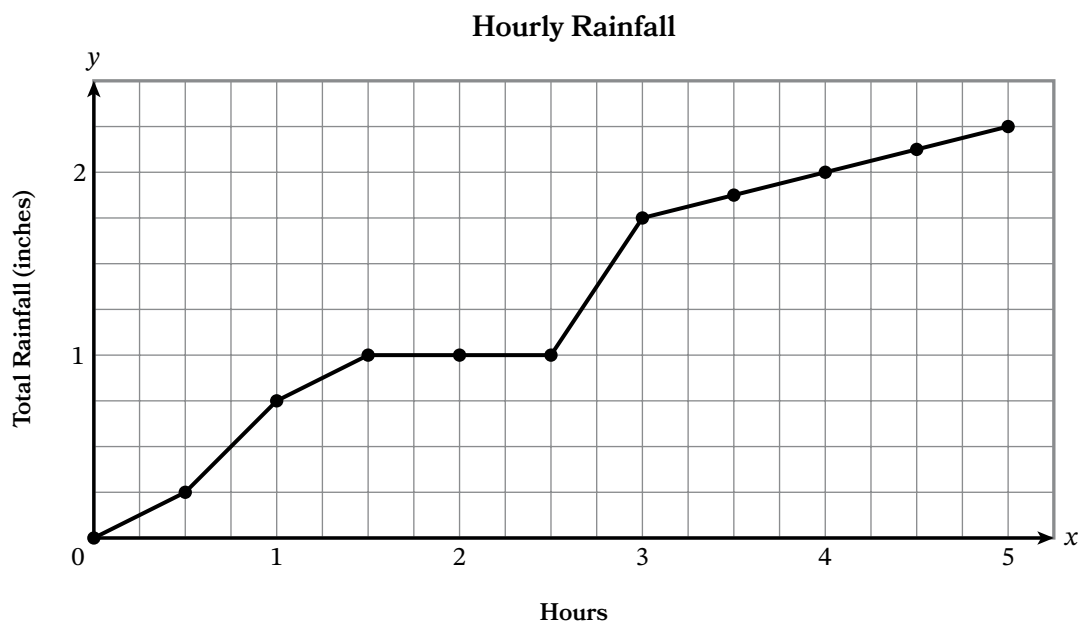
- b. During which segment does the number of the character's health points stay the same?



- c. During which segment does the character add health points? Explain.

- d. How many health points does the character use from the start of segment 1 to the start of segment 3?

3. Sasha measures the amount of rainfall during a rainstorm every half hour for 5 hours. Use the graph that shows her results to complete parts (a)–(d).



- How many inches of rain fell during this 5-hour period?
- During which half-hour period did 0.5 inches of rain fall?
- During which half-hour period did rain fall the fastest?
- Why is the line segment horizontal between 1.5 hours and 2.5 hours?