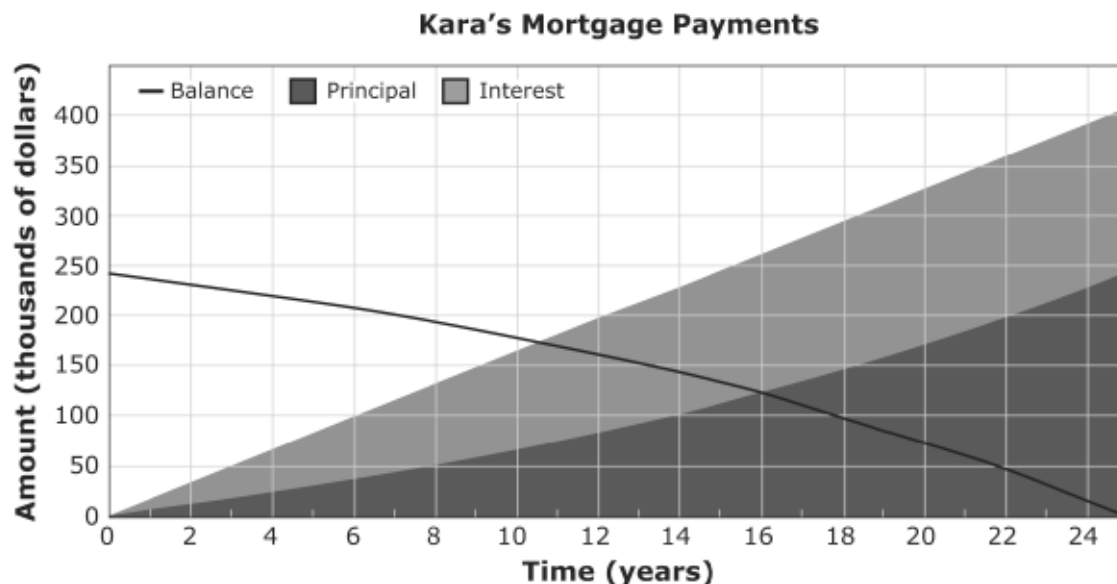


## Kara's Mortgage Payment Schedule

The graph below displays Kara's payment schedule over time. The payments include the principal and the interest. Use the graph to help answer the questions.



1.
  - a) What does the x-axis represent? \_\_\_\_\_
  - b) What does the y-axis represent? \_\_\_\_\_
  - c) What does the black line show?  
\_\_\_\_\_
2. The shaded parts of the graph show the total amount repaid.
  - a) Which part shows the interest paid? \_\_\_\_\_
  - b) Which part shows the principal paid? \_\_\_\_\_
  - c) What happens to the amount of each payment represented by interest over time? \_\_\_\_\_
  - d) What happens to the amount of each payment represented by principal over time? \_\_\_\_\_
3. What can you conclude about interest as a proportion of the mortgage amount?  
\_\_\_\_\_

