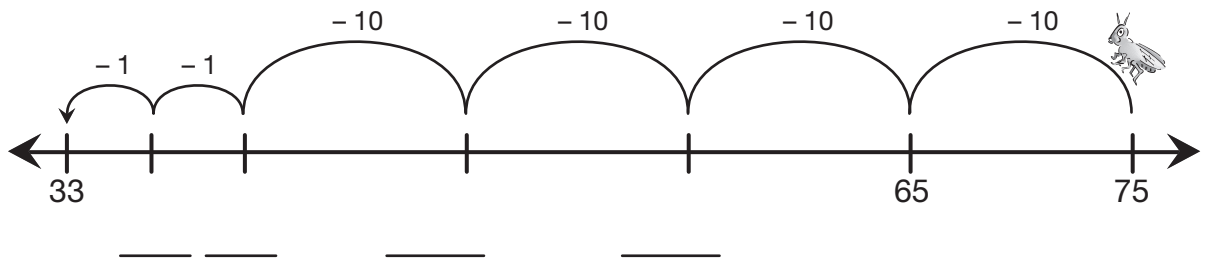


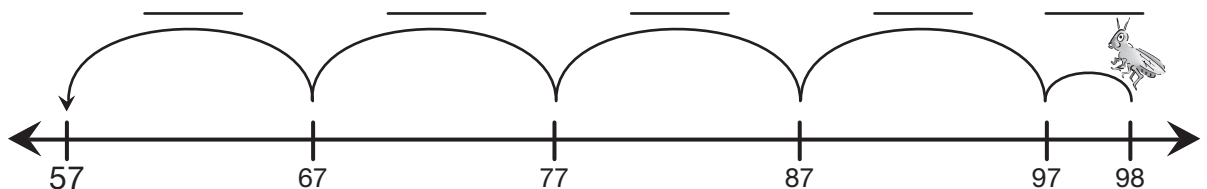
Exploring Base-Ten Hoppers

1. A base-ten hopper made the moves shown below.



- A.** Where did the hopper start? _____
- B.** Where did the hopper land when it finished hopping? _____
- C.** Write in the correct numbers under the number line.

2. Another base-ten hopper made the moves shown below.



- A.** Where did the hopper start? _____
- B.** Where did the hopper land when it finished hopping? _____
- C.** Write in the correct numbers over each hop.

3. Work with a partner. Use these number lines to show how a base-ten hopper can start at 0 and land on 637. Find more than one way. Remember to show where it started and finished. Write in the correct numbers under the number line and over each hop.



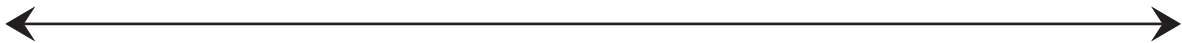
- 4.** Work with a partner. Use these number lines to show how a base-ten hopper can start at 0 and move forward 1047. Find more than one way.



- 5.** Work with a partner. Use these number lines.

A. Show how a base-ten hopper can start at 375 and move forward 245. Where does it land?

B. Show more than one way.



- 6.** Work with a partner. Use these number lines.

A. Show how a base-ten hopper can start at 1000 and move back 160. Where does it land?

B. Show more than one way.



- 7.** Work with a partner and use these number lines.
- A.** Show how a base-ten hopper can start at 755 and move to 1000. How far did it move?
- B.** Show another way that uses a different number of hops.



- 8.** Work with a partner and use these number lines.
- A.** Show how a base-ten hopper can start at 35 and move forward 198. Where did the base-ten hopper land?
- B.** Show another way that uses a different number of hops.



- 9.** Work with a partner and use these number lines.
- A.** Show how a base-ten hopper can start at 121 and move back 38. Try to use only 6 hops or less. Where did the base-ten hopper land?
- B.** Show another way that uses a different number of hops.



The Number Sentences section of the *Big Base-Ten Hoppers* pages in the *Student Guide* will provide more practice with base-ten hoppers and number lines.