



Name _____ Date _____

Chapter 11 Review

Up-and-Down Scavenger Hunt

You've entered a haunted house with your friends. The only way you can get out is to find the key to give to the doorkeeper. The key is located under a board on one of the steps on the staircase. You must use your knowledge of integers to find the step where the key is located. All positive integers indicate the number of steps you go up, and negative integers indicate the number of steps you go down.

1. Starting at the bottom of the staircase, go up 5 steps. Then go -3 steps. On which step are you located?
2. From your present location, go to the step that is 3 times the value of your current step. On which step are you now?
3. Subtract -11 steps from your location and go to the corresponding step. Where are you now?
4. First go up one step and then divide the step you are on by -3 to find the number of steps you take next. On which step did you end up?
5. Add -8 steps to your present location and go to the corresponding step. Then multiply the step you are on by 4. The product is the step under which the key is hidden. Which step is it?

Answers are located on p. 110.