

NAME \_\_\_\_\_

Module 3     Integers  
Lesson 5     Solving Problems with Integers

# Additional Practice 3.5

Solve each problem.

1. Kyle is 970 miles away from his house. If he is traveling at a rate of 60 miles per hour, how far was he away from his house seven hours ago?  
**550 miles**
2. A parachute is 45 units below its starting position. If the parachute falls at a rate of 12 units per minute, where was the parachute three minutes ago?  
**9 units below its starting position**
3. A skier is 45 units below her starting position. If the skier descends at a rate of 12 units per hour, where was the skier four hours ago?  
**3 units above her starting position**
4. Penny has read 210 pages of a book. If she reads at a rate of 30 pages per hour, how many pages had she read three hours ago?  
**120 pages**
5. A scuba diver dives 16 feet below his starting position. If he rises at a rate of two feet per minute, where would he be after five minutes?  
**6 feet below his starting position**
6. A bungee jumper falls 60 feet below her starting position. If she rises at a rate of eight units per second, where would she be after five seconds?  
**20 feet below her starting position**
7. A balloon ascends at a rate of five units per hour and descends at a rate of three units per hour. The balloon is released 20 units above a position that was marked zero units. If the balloon ascends for three hours and descends for four hours, where is the balloon in relation to zero units?  
**23 units above 0**
8. Tanner hikes up the mountain at a rate of 90 feet per minute. He hikes down at a rate of 110 feet per minute. If Tanner hikes up the mountain for 45 minutes and hikes down the mountain for 25 minutes, how far would he be above or below his starting position?  
**1,300 feet above his starting position**

