

Integer Word Problems

- 1) Jerry has \$7 in his wallet, he then decides to buy three packs of candy for \$3 each. When he realizes he doesn't have enough money for the candy, he decides to steal his sister's piggy bank where he finds \$13. How much money does Jerry have following his purchases and robbery?

- 2) Jerry finds an abandoned golf cart on the fourth floor of a parking garage. He drives the golf cart until he runs out of power. After finding the golf cart, he drove down 7 levels, then up 5, down another 3, up 4 more levels and down another 3 levels. What floor is Jerry on when he runs out of power? (Draw a diagram to help show Jerry's journey)

- 3)
 - a. Jerry is playing a board game with his sister. Jerry starts on spot number 14. Jerry picks up 5 cards. Each card tells him which direction he should go. The first card has Jerry go forward 5 spaces, the second card sends Jerry back 7 spaces. The third card moves Jerry forward 1 space, the fourth card moves Jerry backwards 9 spaces, and the last card Jerry loses a turn and doesn't move at all. What space is Jerry on after his 5 turns.

 - b. Jerry's sister is playing the same game, she starts on spot number 2. She also picks up 5 cards. The first card has her move forward 6 spots. As she draws her second card, she is told to move backward 3 spots. Her third card pushes her forward 11 spots, at this point, Jerry freaks out and flips the game board. What spot was she on when Jerry had his outburst?