Integer Word Problems 3

Be sure to show your evidence to support your answer.

1. Suppose you are in a building in which the floors are numbered from 0 to 15. The building has an underground parking garage with 10 levels, which are numbered from -1 to -10. Which floor is farther from floor -2?

a. floor 7 or floor -10

b. floor 2 or floor -8

c. floor 1 or floor -5

1. During the football game, Justin caught three passes. On the first play, the screen pass did not go so well and the team ended up with a loss of 10 yards. He recovered with a touchdown pass for 52 yards. His final catch resulted in a gain of 17 yards. What was the total yardage gained by Justin on the pass plays?
2. In golf, the average score a good player should be able to achieve is called "par." Par for a whole course is calculated by adding up the par scores for each hole. Scores in golf are often expressed at some number either greater than or less than par. Macy is having a pretty good day at the Megalopolis City Golf Club.
3. What is par for 9 holes on this course?
4. What is her final score?

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| Hole | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PAR | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 3 |
| Score | -2 | +3 | +1 | 0 | -1 | 0 | -1 | +1 | 0 |

1. When Mr. Kiefer opened up his PayPal account, there was a $22 dollar balance, then three charges of $14 dollars each were applied. He then paid $5 towards the account. What is his PayPal balance?
2. A monkey sits on a limb that is 25 feet above the ground. He swings up 10 feet, climbs up 6 feet more, and then jumps down 13 feet. How far off the ground is the monkey now?
3. Bethany is doing an experiment on how much sunlight affects the growth of plants. She measures her plant every other day. On day one it was 1cm. Day 3 it was 3 ½ cm taller. She forgot to water it so when she measure it on day 5, it had wilted 3/4 cm taller than on Day 3. How tall is her plant on Day 3?

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