

Complete the following problems.

1. Sonia has \$235 in her savings account. This month she withdraws \$45, deposits \$105, and pays \$13 in fees. What is the balance in her savings account?

- a. Use a number line to represent this situation.

- b. Write and solve an expression. Justify your answer.

2. Sven lost 2 lbs. each week for 5 weeks. If Sven weighed 156 lb. at the start of his diet, what did he weigh after 5 weeks?

- a. Use a number line to represent this situation.

- b. Write and solve an expression. Justify your answer.

Use the chart to complete the following question.

3. Four golfers played two rounds of golf this week. A perfect score is par, or 0. In golf, a negative score is more desirable than a positive score. The table lists their scores for each round in relation to par.

	Jose	Annabelle	Malik	Akiko
Round 1	-7	+2	+5	-5
Round 2	-1	-5	+4	+8

- a. Find the difference between Jose's Round 2 score and Malik's Round 2 score.
- b. Find the difference between Annabelle's low score and Akiko's high score.
- c. Who had the best overall score? Use a number line or an equation and justify your answer.