1. Simplify the expression

2. A store purchased a DVD for $12.00 and sold it to a customer for 50% more than the purchase price. The customer was charged a 7% tax when the DVD was sold. What was the customer’s total cost for the DVD?

**3**. Which expression is equal to ?

**4.** Dan painted of a wall using of a can of paint. How many walls can he paint using one can of paint?

**5.** What is the probability of rolling an even number on a number cube?

**6.** A sample of 80 random selected voters was surveyed before an election. There were 50 out of 80 people who said they would vote for Candidate A. Based on the survey, how many of the town’s 6,000 voters would be expected to vote for Candidate A?

**7**. Tanya opened a new savings account with a deposit of $550. She deposited $450 in the first week and withdrew $120 in the second week of the same month.

Part A) Yesterday, Tanya deposited $270 into her account. What percent of the new balance was the deposit? Round your answer to the nearest percent

Part B) Today, Tanya withdrew $960 from her savings account. What fraction of the balance did Tanya withdraw?

Part C) What was Tanya’s account balance after the withdrawal?