

2.1f Homework: Applying Integer Operations

Use a chip or number line model to solve each of the following. Write a numerical expression that models your solution and then write a complete sentence stating your answer.

1. Chloe has \$45 in her bank account. After she went shopping, she looked at her account again and she had $-\$12$. How much did she spend shopping?
2. There is a Shaved Ice Shack on 600 South. Both Mary and Lina live on 600 South. Mary lives 5 blocks west of the shack and Lina lives 3 blocks east of it. How far apart do they live?
3. Eva went miniature golfing with Taylor. She shot 4 under par and Taylor shot 2 under par. By how many strokes did Eva beat Taylor?
4. Mitchell owes his mom \$18. He's been helping around the house a lot, so his mom decided to forgive \$12 of his debt. How much does he owe now?
5. On the first play of a possession Drew Brees was sacked 4 yards behind the line of scrimmage. He then threw a pass for a 12 yard gain. Did the Saints get a first down?
6. Joe had \$2. He found a quarter, but he lost a dollar in the vending machine. How much money does he have now?

Write two stories that you could model with positive and negative numbers, then model and solve both.