Name _____   Date _____

Using Integers in the Real World: Word Problems

Directions: Write an integer based on each problem below.

1. The value of Titan Electronic Company's stock rose 3 points. Write an integer to represent the change in the stock's value.

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2. The morning temperature in Crescent City is 8°F below zero. Write an integer to represent the morning temperature in Crescent City.

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3. By the end of Melissa's soccer game, the temperature was 10°F warmer than when the game started. Write an integer to represent the change in temperature.

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4. Rafi deposited a $50 gift from his aunt into his checking account. Write an integer to represent the change in the balance of Rafi's checking account.

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5. Ellen visited a lake that had an elevation of 67 meters below sea level. Write an integer to represent the elevation of the lake.

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6. Layla's drone suddenly dropped 25 feet in altitude. Write an integer to represent the change in the altitude of Layla's drone.

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7. Serena is playing her favorite board game. Whenever she draws a monster card in the game, she loses 10 points. Write an integer to represent the change in Serena's score when she draws a monster card.

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8. At a fundraiser, the Lee family donated $100 to the school's fine arts program. Write an integer to represent the change in the balance of the family's account after their donation.

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9. Enterprise Apparel advertises that all of their sweatshirts have a $15 discount this weekend. Write an integer to represent the change in the price of the sweatshirts.

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10. During last night's trivia game, Farid gained 40 points for knowing the capital of Germany. Write an integer to represent the change in Farid's score after this question.

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11. In the final minute of her cycling class, Dakota increased her cycling speed by 5 miles per hour. Write an integer to represent the change in Dakota's speed.

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12. Remi withdrew $75 from his savings account to buy a waterproof speaker for his kayaking trip. Write an integer to represent the change in the balance of Remi's account.

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