

Name _____

Health

1. **Temperature Fluctuations:** The temperature in a patient's room dropped to -2 degrees Celsius, and then increased to 3 degrees Celsius. Write an absolute value expression for the difference in temperature.
2. **Heart Rate Variations:** During a workout, a person's heart rate reached a maximum of -180 beats per minute, and then decreased to -120 beats per minute. Write an absolute value expression for the difference in heart rates.
3. **Blood Pressure Changes:** A patient's blood pressure was recorded as $-120/80$ mmHg. After medication, the blood pressure changed to $130/90$ mmHg. Write an absolute value expression for the difference in systolic blood pressures.
4. **Weight Loss Progress:** A person started a weight loss program with a weight of -200 pounds. After several months, their weight decreased to -180 pounds. Write an absolute value expression for the difference in weight loss.
5. **Oxygen Saturation Levels:** A patient had an oxygen saturation level of -95% , but after receiving treatment, the level increased to 98% . Write an absolute value expression for the difference in oxygen saturation levels.
6. **Blood Sugar Fluctuations:** A person's fasting blood sugar level was recorded as -120 mg/dL. After a meal, the level rose to -160 mg/dL. Write an absolute value expression for the difference in blood sugar levels.
7. **Cholesterol Levels:** A person's LDL cholesterol was measured at -160 mg/dL, and their HDL cholesterol was measured at 50 mg/dL. Write an absolute value expression for the difference in cholesterol levels.
8. **Sleep Duration:** A person slept for -6 hours one night and then slept for 8 hours the following night. Write an absolute value expression for the difference in sleep durations.
9. **Blood Donation:** A person donated -400 mL of blood during their first donation and then donated 500 mL during their second donation. Write an absolute value expression for the difference in the amount of blood donated.
10. **Lung Capacity:** A person had a lung capacity of -3.0 liters, and after pulmonary rehabilitation, their lung capacity increased to 2.5 liters. Write an absolute value expression for the difference in lung capacities.

