Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The following table shows some real-life situations and the relationship between positive, negative and zero. With your partner or group, fill in as many of the missing measurements as possible:

| ***Real-life Situation*** | ***Positive*** | ***Zero*** | ***Negative*** |
| --- | --- | --- | --- |
| Money | $500 in savings | Zero balance |  |
| Football |  |  | Loss of yards |
| Speed | 20 mph over posted speed limit |  |  |
| Temperature |  |  | -24° F |
| Tire pressure | Over-inflated |  |  |
| Buildings |  |  | Basement |
| Daylight Savings Time | Spring forward |  |  |
| Historic Time |  |  | BCE |
| Golf |  | Par |  |
| Bank Account |  |  | Loan/withdrawal |
| Blood Pressure | High blood pressure |  |  |
| Time |  |  | Yesterday |
| Vision (eyes) |  | 20/20 |  |
| Business | Profit |  |  |
| Car Trip (Driving) |  |  | 80 miles backward from where you are |

Select the best answer for each question:

| *In which situation would you have the least amount of money?*  a. You deposit $28  b. You withdraw $52  c. You spend $45  d. You earned $78 | *In which situation would you have the most amount of money?*  a. You deposit $28  b. You withdraw $52  c. You spend $45  d. You earned $78 |
| --- | --- |
| *In a football game, which would be the best play for the offense?*  a. A run of 18 yards  b. A sack for 9 yards  c. A pass for 23 yards  d. A loss of 12 yards | *In a football game, which would be the worst play for the offense?*  a. A run of 18 yards  b. A sack for 9 yards  c. A pass for 23 yards  d. A loss of 12 yards |
| *In which situation would you be at the lowest point?*  a. 40 ft. below sea level  b. 14 ft. above sea level  c. Ascend 82 meters  d. Descend 50 meters | *In which situation would you be at the highest point?*  a. 40 ft. below sea level  b. 14 ft. above sea level  c. Ascend 82 meters  d. Descend 50 meters |

Given the situation, tell whether the number would be positive, negative, or zero. Explain/justify your answer.

| The train you are on decelerates. | The airplane gains altitude. |
| --- | --- |
| You dive to the ocean floor. | The car overheats. |