

Moving Memories:

Circle the correct word to complete each observation.

1. As you climb a roller coaster hill you **a. gain** **b. lose** speed.
2. As you climb a hill you feel **a. lighter** **b. heavier** than normal.
3. The higher you are on a roller coaster hill the **a. slower** **b. faster** you are moving.
4. On a roller coaster, the faster you are moving, the **a. less steep** **b. steeper** .. the peaks are.
5. Coaster peaks get **a. higher** **b. lower** during the ride.
6. As you fall down-hill, you feel **a. lighter** **b. heavier** than normal.
7. As you fall downhill you **a. gain** **b. lose** speed.
8. Heavily loaded coasters fall downhill **a. faster** **b. slower** **c. at the same speed as** empty coasters.
9. You must be pushed in more to make a curve when you are traveling
a. faster **b. slower.**
10. Tracks are tilted **a. inward** **b. outward** **c. flat** on curves.
11. As you top a roller coaster hill, you feel **a. lighter** **b. heavier** than normal.
12. To turn in a circle your body must be pushed **a. inward** **b. outward.**
13. The track pushes you **a. outward** **b. inward** on curves.
14. A sharper curve is tilted **a. more** **b. less** than a gentle curve.
15. The faster you are going into a curve, the **a. more** **b. less** the curve will be tilted.
16. The faster a ride turns, the **a. more** **b. less** you are pushed toward the center of the ride.