

**Balloon Racers Pre/Post Test**

1. What force do you think is pushing the balloon racer forward in the photo below?



1. air resistance
2. friction
3. gravity
4. pressurized air
5. How might you calculate the speed of a balloon racer (or any other object)?
6. Distance x Time = Speed
7. Distance ÷ Time = Speed
8. Time x Distance = Speed
9. Time ÷ Distance = Speed
10. If a balloon racer traveled 5 meters in 2.7 seconds, what is the balloon racer's speed?

 a. 0.54 meters per second

 b. 13.5 meters per second

 c. 1.85 meters per second

 d. 7.7 meters per second

1. If a balloon racer traveled 5 meters in 1.3 seconds, what is the balloon racer's speed?

 a. 0.26 meters per second

 b. 6.5 meters per second

 c. 6.3 meters per second

 d. 3.85 meters per second

1. Have you ever thought about being an engineer?
2. Yes
3. No

Balloon Racers Pre/Post Test Answer Key

1. d

2. b

3. c

4. d