

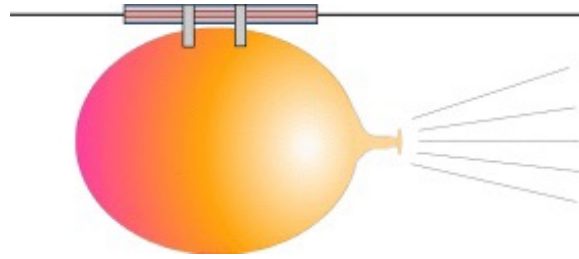
Calculating Speed of a Balloon

Formula: Speed (s) = $\frac{\text{Distance (d)}}{\text{Time (t)}}$

d = Distance (ft)

t = Time (seconds)

s = Speed (ft/s)



| | Distance (ft) | ÷ | Time (s) | = | Speed (ft/s) |
|----------------|------------------|---|-------------|---|-----------------|
| 1 | 15 | | | | |
| 2 | 15 | | | | |
| 3 | 15 | | | | |
| 4 | 15 | | | | |
| 5 | 15 | | | | |
| Average | | | | | |

- Calculate the speed of your balloon
- Use the following:
 - Distance (15 feet).
 - Time (Use your stopwatch to record the time in seconds).
 - Speed (Use the provided formula to calculate the speed of the balloon).
 - Repeat the activity 5 times and take the average of all 5 trials.

Demonstrate your knowledge!!!

Identify which trial had the fastest speed? Explain why?
