

NAME:

DATE:

Period:

CBA 1 Review
PAP Physics

1. What does the slope of a velocity time graph show?
2. What would a velocity time graph with a horizontal line at 2m/s mean? (2 things)
3. What do you do with a broken piece of glassware in the lab?
4. What does the slope of a displacement-time graph show?
5. If a displacement-time graph had a horizontal line at 3m, what would that mean?
6. If a displacement-time graph looks like this (fig a), where is the object at 6min?
7. What does a curved line on a displacement-time graph show/mean?
8. A bicyclist rides 4km down Main Street. Then turns around and rides 5.5km on Main Street. What is the cyclist's displacement?

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9. Draw a d-t graph with positive velocity.

10. Draw a d-t graph with negative velocity but positive displacement.

11. List the units of displacement, velocity, and acceleration.

12. You dropped a washer from the ceiling in the pervious lab. What was the velocity of the top washer after $t = 0.05\text{s}$?

13. What type of graph would you use to demonstrate categorical data?

14. What is a vector quantity? (ch 3)

15. What is a scalar quantity?