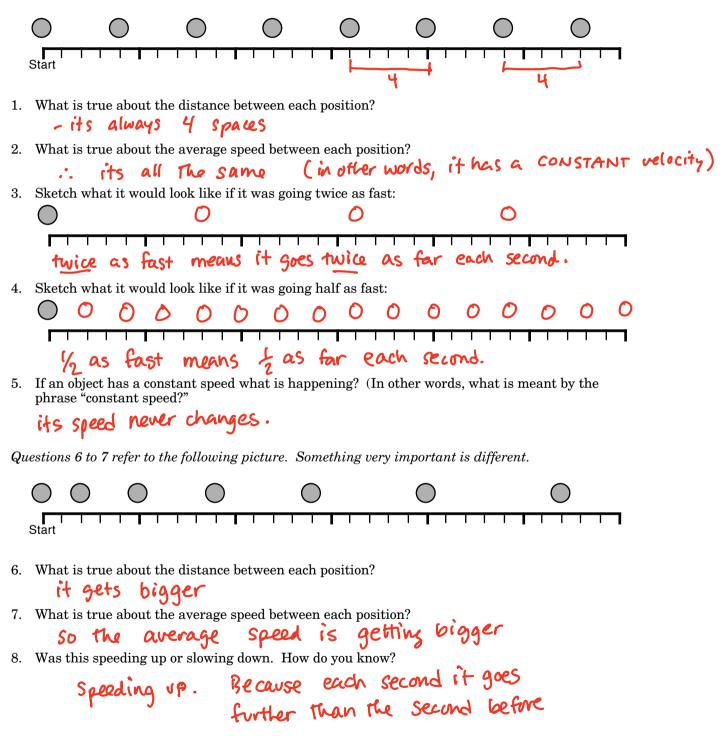
Acceleration Concept Sheet

To help get a better understanding of the difference between speed and acceleration, let's imagine taking a snapshot of where an object is once every single second for several seconds. For this sheet, let's also keep things a little straightforward and always say that the pictures show things moving to the right, and never going backwards.

Questions 1 to 5 refer to the following picture.



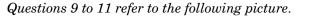
KEY

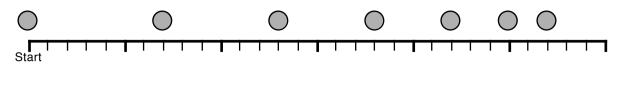
NAME:

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Acceleration Concept Sheet

NAME:



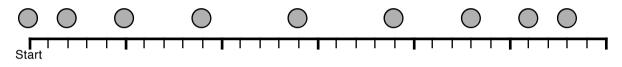


9. What is true about the distance between each position?

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it gets smaller
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- 10. What is true about the average speed between each position? So the average speed is going down
- 11. Was this speeding up or slowing down. How do you know? So slowing down. [See #9 \$ 11]

Questions 12 to 14 refer to the following picture.



- 12. What is true about the distance between each position?
- 6ct's bigger, THEN gets Smaller 13. What is true about the average speed between each position?
 - so it went up then Down
- 14. Was this speeding up or slowing down (Be careful!) How do you know?

15. Where was it going the fastest? How about the slowest? In The middle I is slowest athe start and end

Questions 16 to 20 refer to the graph shown to the right.

