

Name _____

Date _____

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Kinematics Praticice – Do Now 2

$$d = vt$$

$$v_f = v_i + at$$

1) An object accelerates as it travels 300 m in 6 s. Its final speed was 30 m/s.

a) What was the average speed?

b) What was the initial speed?

2) An object travels 80 m in 4 s at a constant speed. It then accelerates at 5 m/s^2 for 20 s. What is the final speed of the object?