

Name

Date

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Kinematics Practice 3 – Do Now

$$d = vt$$

$$v_f = v_i + at$$

$$d = v_i t + (1/2)at^2$$

- 1) An object initially moving at 5 m/s travels 156 m in 12 s. What was its acceleration?

- 2) An object travels 232 m in 8 s. If its acceleration was 6 m/s², what was its initial speed?