

Unit 2 Test
Formulas and Conversion Factors

$$s = \frac{d}{t}$$

$$v = \frac{\Delta x}{t}$$

$$a = \frac{\Delta v}{\Delta t} = \frac{v_f - v_i}{\Delta t}$$

$$V_f = V_i + at$$

$$\text{\textcircled{\del \Delta x}}$$

$$\Delta X = V_i t + \frac{1}{2} at^2$$

$$\text{\textcircled{\del v_f}}$$

$$V_f^2 = V_i^2 + 2a\Delta X$$

$$\text{\textcircled{\del t}}$$

$$2.54 \text{ cm} = 1 \text{ in}$$

$$5280 \text{ ft} = 1 \text{ mi}$$

$$1.6 \text{ km} = 1 \text{ mi}$$

$$1600 \text{ m} = 1 \text{ mi}$$

$$1000 \text{ m} = 1 \text{ km}$$

$$100 \text{ cm} = 1 \text{ m}$$

$$1000 \text{ mm} = 1 \text{ m}$$

$$1 \text{ hr} = 3600 \text{ sec}$$

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