Math Review   Name: _____

EQUATIONS   Date: _____

Solve the following equations for the quantity indicated.

(Example: $c = ab$, solve for a: $a = c / b$)

1. $d = v\,t$ Solve for v.   _____

2. $F = ma$ Solve for m. _____

3. $v = d / t$ Solve for t.   _____

4. $d = \frac{1}{2}\,at^2$ Solve for t.   _____

5. $d = vt + \frac{1}{2}\,at^2$ Solve for v.   _____

6. $v = \sqrt{2ad}$ Solve for d.   _____

7. $a = (v_f - v_o) / t$ Solve for t.   _____

8. $a = (v_f - v_o) / t$ Solve for v_f. _____

9. $T = 2\,\pi\sqrt{\ell/g}$ Solve for g.   _____

10. $1 / f = 1 / d_o + 1 / d_i$ Solve for d_i. _____