

### Homework: Formulas - Key

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In Problems 1-6, solve the formula for the indicated variable

1. $t = \frac{d}{r}$	2. $x = \frac{k}{y}$
3. $x = \frac{y - y_1 + mx_1}{m}$	4. $\mu = x - Z\sigma$
5. $m_2 = \frac{Fr^2}{Gm_1}$	6. $a = \frac{v - v_o}{t}$

In Problems 7-10, solve for y

7. $y = \frac{-3}{2}x + \frac{5}{2}$	8. $y = 3x - 4$
9. $y = \frac{7}{3}x - \frac{8}{3}$	10. $y = \frac{4}{3}x + 8$