

Name : \_\_\_\_\_

## Rearranging Equations

Sheet 3

1) Solve  $d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$  for  $x_1$ .

2) Solve  $R = \frac{V^2}{P}$  for  $V$ .

3) Solve  $v = r\omega$  for  $\omega$ .

4) Solve  $Q = It$  for  $t$ .

5) Solve  $\frac{x^2}{a^2} + \frac{y^2}{b^2} =$

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7) Solve  $W = Fs$  for

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$\frac{y_1}{x_1}$  for  $y_2$ .

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9) Solve  $V = \pi r^2 h$  for  $h$ .

10) Solve  $PV = nRT$  for  $P$ .