

Name: _____

Solve Equations with More than One Variable: Review Sheet

1) Solve for x: $2x - 12 = 8y$

2) Solve for y: $2x - 12 = 8y$

3) Solve for b: $3a - 3b = 30$

4) Solve for k: $\frac{1}{4}k - 8 = m$

5) The formula for the perimeter of a rectangle with length **l** and width **w** is $P = 2l + 2w$.

a) Solve this formula for l.

b) Use your new formula to find the length of a rectangle with a perimeter of 36 in and a width of 7 in.

6) The formula for the area of a circle is $A = \pi r^2$.

a) Solve this formula for r.

b) Use your new formula to find the radius of a circle with an area of 20 m^2 .

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