

**Practice Quiz****Sec 1 H****1-4****Unit 1**

Complete ALL of the following problems and return to class on \_\_\_\_\_ to receive 2 points of extra credit in the HW section of your grade. Don't forget to check your answers on the back!

Solve for  $l$ 

1)  $V = lwh$

Solve for  $h$ 

2)  $V = \frac{1}{3}Bh$

Solve for  $b$ 

3)  $P = a + b + c$

Solve for  $q$ 

4)  $P = \frac{wq}{4}$

Solve for  $y$ 

5)  $2x + 5y = 15$

Solve for  $y$ 

6)  $3x - 4y = 16$

Solve for  $x$ 

7)  $-4x + 6y = 12$

Solve for  $x$ 

8)  $4x = y - 4x + 5$

Solve for  $y$ 

9)  $18x + 2y = -4y + 8$

Solve for  $x$ 

10)  $-x + 3y = -9$

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Answers:

1.  $l = \frac{V}{wh}$

2.  $h = \frac{3V}{B}$

3.  $b = P - a - c$

4.  $q = \frac{4P}{w}$

5.  $y = -\frac{2}{5}x + 3$

6.  $y = \frac{3}{4}x - 4$

7.  $y = \frac{2}{3}x + 2$

8.  $y = 8x - 5$

9.  $y = -3x + \frac{4}{3}$

10.  $y = \frac{1}{3}x - 3$