HW #106 - Review for Test #101 -- Answer Key

***Here’s what you are supposed to do – READ THIS CAREFULLY***

1. Work all problems on notebook paper, showing your work as you should do on all assignments.
2. Go to Mr. Warner’s web site at www.warneralgebra.weebly.com and use the key there to check the assignment as you would check any assignment. There are 20 points possible. Write your score (out of 20) at the top of your paper.
3. Now that you have the answers to the problems, go back and re-work any problems that you missed.
4. When you arrive in class on test day, this assignment needs to be graded and ready to hand in.
5. It is strongly advised that you begin this review the day that it is assigned and complete it as early as possible so that you have sufficient time to get help on any problems with which you have difficulty.

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| 1) *x* = 18 | 2) *b* = -5 | | 3) *x* = -⅕ | | 4) *w* = 25  4 |
| 5) All real #’s | 6) *c* ≠ 5, any number but 5 would give “Ø” | | 7) | | 8) |
| 9) *or* | | 10)  TA: C:\cur_proj\July 2014\AB art\book\Arts\PNGs\HSAlg1_ab_0200_019.png  0 | | 11) all real #’s TA: C:\cur_proj\July 2014\AB art\book\Arts\PNGs\HSAlg1_ab_0200_019.png | |
| 12)  TA: C:\cur_proj\July 2014\AB art\book\Arts\PNGs\HSAlg1_ab_0200_019.png -2 6 | | 13) h = number of hours; inequality would be ; you would need to work 12.5 hours or more. | | 14) *x* = 40;  Angle measures are: 90 degrees, 65 degrees, 85 degrees and 120 degrees | |
| 15)  a) *h* = V  πr2  b) 2 inches in height | | 16) *x* = brochures printing  a) printing 50 brochures  b) Company B | | 17) Inequality:  ; you would need to sell 170 tickets of more. | |
| 18) *x* = -6 | | 19) *x* = y  3b-7 | | 20) *b* > -26  TA: C:\cur_proj\July 2014\AB art\book\Arts\PNGs\HSAlg1_ab_0200_019.png -26 0 26 | |