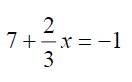
2015 Algebra 1 WH Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Review Final Exam Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_



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| 1) | | 2) | | |
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| 15) | | 16) | | |
| 17) | | 18) | | |
| 19) | | 20) | | |
|  | | | 21) Determine whether the following points are a solution to the system of inequalities to the right:   1. (-2, -3) 2. (-4, 0) 3. (-1, 2) 4. (0, -3) 5. (2, -6) 6. (-4, 3) 7. (-4, -4) | |
| 22) Solve the following system of equations: | | 23) Solve the following system of equations: | | |
| 24) Solve the following system of equations: | | 25) Solve the following system of equations: | | |
| 26) | 27) | | | 28) |
| 29) | 30) | | | 31) |
| 32) | 33) | | | 34) |
| 35) | | 36) | | |
| 37) | | 38) | | |
| 39) | | 40) | | |
| 41) Factor: | | 42) Factor: | | |
| 43) Factor: | | 44) Factor: | | |
| 45) Factor: | | 46) Factor: | | |
| 47) | | 48) | | |
| 49) | | 50) Graph: | | |
| 51) Graph and answer the questions: | | 52) Graph and answer the questions: | | |
| 53) How many roots are there for the quadratic: | | 54) How many times does the graph of this quadratic cross the x-axis? | | |
| 55) Simplify: | | 56) Simplify: | | |
| 57) Write the equation and solve:  Seven more than three times a number is 19. Find the number. | | 58) Write the equation and solve:  Twice the sum of a number and six is 18. Find the number. | | |
| 59) Three consecutive even numbers have a sum of -60. What are the numbers? | | 60) The length of a rectangle is two centimeters more than three times the width. If the perimeter is 36cm, find the width and length. | | |
| 61) Adult tickets to a play are $12, student tickets are only $8. If a theater sells 90 tickets to a play for a total of $980, how many of each kind of ticket did the theater sell? | | 62) Markus looked in the couch for loose change. He found 22 nickels and quarters totaling $4.30. How many were nickels and how many were quarters? | | |

Open-ended exercises

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