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| Question | 0 points | ¼ point | ½ point | ¾ point | 1 point |
| 1 | Made multiple errors related to order of operations | Made one error related to order of operations | Didn’t square negative properly | Made one arithmetic error unrelated to order of operations | Correct answer |
| 2 | Didn’t show understanding or absolute values or made multiple errors |  | Made one arithmetic error |  | Correct answer |
| 3 | 0/3 correct answers | 1/3 correct answers | 2/3 correct answers |  | 3 Correct answers |
| 4 | Made multiple errors  |  | Made one error related to order of operations or squaring negatives | Made one arithmetic error unrelated to order of operations | Correct answer |
| 5 | Showed no understanding of the distributive property | Distributed correctly, but did not simplify |  | Made one arithmetic error | Correct answers |
| 6 | Showed no understanding of how to evaluate an expression | Plugged in number, but made several errors when simplifying | Made one arithmetic error | Correct answer, but not fully simplified | Correct answer |
| 7 | Showed little to no understanding of how to solve an equation |  | Made one significant error (e.g. adding to both sides when should have subtracted) | Correct methods, but made one arithmetic error | Correct answer |
| 8 | Showed little to no understanding of how to solve an equation |  | Made one significant error (e.g. adding to both sides when should have subtracted) | Correct methods, but made one arithmetic error | Correct answer |
| 9 | Showed little to no understanding of how to solve problem | Set up an appropriate equation | Set up problem correctly, but made error |  | 3 correct integers stated |

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| 10 | Did not solve problem correctly |  | Plugged in variable correctly, but made arithmetic error |  | Correct answer |
| 11 | Made multiple errors | Made two errors | Made significant error OR did not graph correctly | Made one arithmetic error but all other work was correct | Correct answer and graph |
| 12 | Showed little or no understanding of how to graph equation |  | Found and graphed ½ intercepts correctly |  | Correct graph |
| 13 | Incorrect answer | Showed some understanding of an equation of a line, but no correct answer |  |  | Correct answer |
| 14 | Little to no understanding of how to find equation properly | Found slope, but not equation of line | Found slope and showed some understanding of how to find equation of line | Correct methods, but arithmetic error led to incorrect answer | Correct answer |
| 15 | Showed little to no understanding of how to properly find slope | Showed some understanding of how to find slope and its meaning | 1 of 2 parts correct | Showed good, but incomplete understanding of problem | Correct parts a and b |
| 16 | Multiple errors in methods |  | 1 significant error in methods | Correct methods, but arithemetic error led to incorrect answer | Correct graph |
| 17 | Showed no understanding of solving system by graphing | Showed some, but little understanding of solving system by graphing | Graphed incorrectly | Correct procedures, but showed some type of incomplete understanding | Correct answer stated clearly |
| 18 | Showed no understanding of solving system  | Showed some understanding of solving system  | Made one significant procedural error in solving | Arithmetic error led to incorrect answer | Correct answer stated clearly |

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| 19 | Showed no understanding of how to solve problem | Set up problem partially correctly | Set up problem correctly, but could not solve correctly | Correct methods, but arithemetic error led to incorrect answer | Correct answers stated clearly |
| 20 | Showed little to know understanding of how to solve problem | Made 2 errors | Made 1 significant procedural error | Arithmetic error unrelated to signs led to incorrect answer | Correct answer |
| 21 | Showed no understanding of exponent rules | Showed little understanding of exponent rules(e.g. 2 errors) | Showed some understanding of exponent rules (e.g. 1 error) |  | Correct answer |
| 22 | Showed little to no understanding of how to solve problem |  | Mostly correct methods, but one error |  | Correct answer |
| 23 | Showed little to no understanding of how to solve problem | 1 out of 3 terms correct in answer | Mostly correct methods, but one procedural error | Showed clear understanding of proper methods, but arithmetic error led to incorrect answer | Correct answer |
| 24 | Showed no understanding of how to solve problem | Showed minimal, but some understanding of how to approach problem | Mostly correct methods, but one procedural error | Showed clear understanding of poly. long division, but arithmetic error led to incorrect answer | Correct answer |
| 25 | Showed no understanding of exponent rules | Showed little understanding of exponent rules(e.g. 2 errors) |  | Showed some understanding of exponent rules (e.g. 1 error) | Correct answer |
| 26 | Incorrect answer |  |  | Correct methods, but counting error led to incorrect answer | Correct answer |
| 27 | Incorrect answer |  |  | Correct methods, but counting error led to incorrect answer | Correct answer |

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| 28 | Showed no understanding of how to factor given polynomial | Showed some understanding of factoring, but couldn’t solve problem correctly |  | One error in procedure, but showed considerable understanding | Correct answer |
| 29 | Showed no understanding of how to factor given polynomial | Showed some understanding of factoring, but couldn’t solve problem correctly |  | One error in procedure, but showed considerable understanding | Correct answer |
| 30 | Showed no understanding of how to factor by grouping | Showed some understanding of factoring, but couldn’t solve problem correctly |  | One error in procedure, but showed considerable understanding | Correct answer |
| 31 | Showed no understanding of how to factor given polynomial | Showed some understanding of factoring, but couldn’t solve problem correctly |  | One error in procedure, but showed considerable understanding | Correct answer |
| 32 | Showed no understanding of how to find solutions to quadratic | Showed some understanding |  | Answer not correct, but showed considerable understanding | Found correct solutions |
| 33 | Showed no understanding of how to find solutions to quadratic | Showed some understanding |  | Answer not correct, but showed considerable understanding | Found correct solutions |
| 34 | Did not understand how to solve problem  | Showed minimal, but some understanding in set up | Set up problem correctly, but could not solve | One error in correct methods led to incorrect answer | Correct answer |