

Algebra 1, Semester 1 Exam Review**Answer Section**

- | | |
|------------|---|
| 1. ANS: B | REF: 1-1 Variables and Expressions |
| 2. ANS: C | REF: 1-1 Variables and Expressions |
| 3. ANS: A | REF: 1-1 Variables and Expressions |
| 4. ANS: C | REF: 1-1 Variables and Expressions |
| 5. ANS: D | REF: 1-2 Order of Operations and Evaluating Expressions |
| 6. ANS: C | REF: 1-2 Order of Operations and Evaluating Expressions |
| 7. ANS: B | REF: 1-2 Order of Operations and Evaluating Expressions |
| 8. ANS: A | REF: 1-3 Real Numbers and the Number Line |
| 9. ANS: D | REF: 1-3 Real Numbers and the Number Line |
| 10. ANS: B | REF: 1-3 Real Numbers and the Number Line |
| 11. ANS: D | REF: 2-3 Solving Multi-Step Equations |
| 12. ANS: A | REF: 2-3 Solving Multi-Step Equations |
| 13. ANS: A | REF: 2-3 Solving Multi-Step Equations |
| 14. ANS: A | REF: 2-4 Solving Equations With Variables on Both Sides |
| 15. ANS: A | REF: 2-4 Solving Equations With Variables on Both Sides |
| 16. ANS: C | REF: 2-4 Solving Equations With Variables on Both Sides |
| 17. ANS: D | REF: 2-5 Literal Equations and Formulas |
| 18. ANS: D | REF: 2-6 Ratios, Rates, and Conversions |
| 19. ANS: A | REF: 2-6 Ratios, Rates, and Conversions |
| 20. ANS: C | REF: 2-7 Solving Proportions |
| 21. ANS: C | REF: 2-7 Solving Proportions |
| 22. ANS: B | REF: 3-1 Inequalities and Their Graphs |
| 23. ANS: A | REF: 3-4 Solving Multi-Step Inequalities |
| 24. ANS: C | REF: 3-4 Solving Multi-Step Inequalities |
| 25. ANS: C | REF: 3-4 Solving Multi-Step Inequalities |
| 26. ANS: C | REF: 3-4 Solving Multi-Step Inequalities |
| 27. ANS: B | REF: 3-7 Absolute Value Equations and Inequalities |
| 28. ANS: B | REF: 4-1 Using Graphs to Relate Two Quantities |
| 29. ANS: | |

The variables are distance and time. The distance from the store increases as she drives, and it stays constant each time she stops for a traffic light or to stop at a customer's house. After her third stop, she starts heading back to the store. The distance from the store decreases as she drives, and it stays constant for one more stop. Finally, she makes it back to the store and the distance is zero again.

- | | |
|------------|--|
| | REF: 4-1 Using Graphs to Relate Two Quantities |
| 30. ANS: A | REF: 4-1 Using Graphs to Relate Two Quantities |
| 31. ANS: A | REF: 4-3 Patterns and Nonlinear Functions |
| 32. ANS: A | REF: 4-4 Graphing a Function Rule |
| 33. ANS: D | REF: 4-5 Writing a Function Rule |
| 34. ANS: D | REF: 4-5 Writing a Function Rule |
| 35. ANS: B | REF: 4-6 Formalizing Relations and Functions |
| 36. ANS: D | REF: 4-6 Formalizing Relations and Functions |
| 37. ANS: A | REF: 4-6 Formalizing Relations and Functions |

38. ANS: A	REF: 4-6 Formalizing Relations and Functions
39. ANS: B	REF: 4-6 Formalizing Relations and Functions
40. ANS: A	REF: 5-1 Rate of Change and Slope
41. ANS: B	REF: 5-1 Rate of Change and Slope
42. ANS: B	REF: 5-1 Rate of Change and Slope
43. ANS: A	REF: 5-1 Rate of Change and Slope
44. ANS: B	REF: 5-1 Rate of Change and Slope
45. ANS: B	REF: 5-1 Rate of Change and Slope
46. ANS: D	REF: 5-3 Slope-Intercept Form
47. ANS: A	REF: 5-3 Slope-Intercept Form
48. ANS: D	REF: 5-3 Slope-Intercept Form
49. ANS: D	REF: 5-3 Slope-Intercept Form
50. ANS: C	REF: 5-3 Slope-Intercept Form
51. ANS: D	REF: 5-3 Slope-Intercept Form
52. ANS: D	REF: 5-3 Slope-Intercept Form
53. ANS: B	REF: 5-4 Point-Slope Form
54. ANS: D	REF: 5-4 Point-Slope Form
55. ANS: B	REF: 5-4 Point-Slope Form
56. ANS: A	REF: 5-4 Point-Slope Form
57. ANS: B	REF: 5-4 Point-Slope Form
58. ANS: A	REF: 5-4 Point-Slope Form
59. ANS: A	REF: 5-5 Standard Form
60. ANS: B	REF: 5-5 Standard Form
61. ANS: D	REF: 5-5 Standard Form
62. ANS: D	REF: 5-5 Standard Form
63. ANS: C	REF: 5-5 Standard Form
64. ANS: B	REF: 5-5 Standard Form
65. ANS: D	REF: 5-5 Standard Form
66. ANS: B	REF: 5-6 Parallel and Perpendicular Lines
67. ANS: B	REF: 5-6 Parallel and Perpendicular Lines
68. ANS: C	REF: 5-6 Parallel and Perpendicular Lines
69. ANS: B	REF: 5-6 Parallel and Perpendicular Lines
70. ANS: A	REF: 5-7 Scatter Plots and Trend Lines
71. ANS: C	REF: 5-7 Scatter Plots and Trend Lines
72. ANS: A	REF: 5-7 Scatter Plots and Trend Lines
73. ANS: A	REF: 5-7 Scatter Plots and Trend Lines
74. ANS: C	REF: 5-7 Scatter Plots and Trend Lines
75. ANS: B	REF: 5-7 Scatter Plots and Trend Lines
76. ANS: D	REF: 5-8 Graphing Absolute Value Functions
77. ANS: B	REF: 5-8 Graphing Absolute Value Functions
78. ANS: D	REF: 5-8 Graphing Absolute Value Functions
79. ANS: A	REF: 5-8 Graphing Absolute Value Functions
80. ANS: A	REF: 6-1 Solving Systems By Graphing
81. ANS: D	REF: 6-1 Solving Systems By Graphing
82. ANS: B	REF: 6-1 Solving Systems By Graphing
83. ANS: A	REF: 6-1 Solving Systems By Graphing

84. ANS: A REF: 6-1 Solving Systems By Graphing
85. ANS: A REF: 6-2 Solving Systems Using Substitution
86. ANS: D REF: 6-2 Solving Systems Using Substitution
87. ANS: D REF: 6-2 Solving Systems Using Substitution
88. ANS: A REF: 6-2 Solving Systems Using Substitution
89. ANS: C REF: 6-3 Solving Systems Using Elimination
90. ANS: C REF: 6-3 Solving Systems Using Elimination
91. ANS: D REF: 6-3 Solving Systems Using Elimination
92. ANS: A REF: 6-3 Solving Systems Using Elimination
93. ANS: D REF: 6-3 Solving Systems Using Elimination
94. ANS: C REF: 6-3 Solving Systems Using Elimination
95. ANS: D REF: 6-3 Solving Systems Using Elimination
96. ANS: C REF: 6-3 Solving Systems Using Elimination
97. ANS: B REF: 6-5 Linear Inequalities
98. ANS: D REF: 6-5 Linear Inequalities
99. ANS: C REF: 6-5 Linear Inequalities
100. ANS: A REF: 6-5 Linear Inequalities
101. ANS: C REF: 6-5 Linear Inequalities
102. ANS: C REF: 6-5 Linear Inequalities

