Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block:\_\_\_

Quiz: Unit1. Review.

Practice

Arithmetic, PEMDAS, Lines

Group A.

There are 10 questions in this quiz, each of equal value.

Standard time for the test is 15 minutes .

No calculator is allowed. (accommodation excepted)

\*\*\*\*\*\*\*\* Since this is a PRACTICE, you actually have 20 questions.\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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| Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Solve     X=\_\_\_\_\_\_\_\_\_ |
| 1. Simplify:     Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 1. Simplify:     Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 1. Solve: | 1. Solve: |

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| 1. Plot the line going through the points:   ,     1. Specify the coordinates of:   X intercept \_\_\_\_\_\_\_\_\_\_  Y intercept \_\_\_\_\_\_\_\_\_\_   1. Write the equation of the line in slope-intercept form:   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. Write the equation of the line in standard form:   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Plot the line going through the point   , and has a slope of .     1. Specify the coordinates of:   X intercept \_\_\_\_\_\_\_\_\_\_  Y intercept \_\_\_\_\_\_\_\_\_\_   1. Write the equation of the line in slope-intercept form:   Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 2. Find the line that goes through the point ,and is perpendicular to the line .     Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. What is the intersection point of these two lines?   Answer:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   1. Plot the two lines, and indicate the intersection point. |

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| 1. What is the slope of the line described by   m=\_\_\_\_\_\_\_\_\_\_\_\_ | 1. What is the slope of a line perpendicular to the line that goes through the two points and ?   m=\_\_\_\_\_\_\_\_\_\_\_\_ |
| 1. Do the following two lines meet? If they do, what is the intersection point?   Line 1:  Line 2:  Meeting= Yes / N0  Intersection point=\_\_\_\_\_\_\_\_ | 1. Calculate the following absolute value expressions: |

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| 1. The picture below describes a right triangle. The 3 sides have slopes denoted as .   What can you say about the value of the product ? See 4 options below. Explain your answer.  graph_axes_10.jpg |

=== End ====