Meramec College Algebra Quiz 6 Fall 2008

NAME: _____Score_____/10

Please **print** your name

All calculations are to be exact. NO DECIMALS.

If you use a formula, write the formula before using it.

1. Calculate the length of the line segment joining the points (3, -2) and (-5, 2)

2. Calculate the midpoint of the line segment joining the points (3, -2) and (-5, 2)

3. Calculate the slope of the line through the points (3, -2) and (-5, 2)

4. What is the slope of the graph of $y = \sqrt{2}x - 7$?

5. What is the y-intercept of the graph of $y = \sqrt{2}x - 7$