Math 200 - Quiz 9	Math	200	_	Quiz	9
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November 10, 2010

Show all work to receive full credit. Supply explanations when necessary.

1. (1 point) Use a pattern to show that  $3 \times (-3) = -9$ .

2. (1 point) Use any model to illustrate the **subtraction**: 4 - (-3).

3. (1 point) Carefully state the rule for adding two numbers with opposite signs.

4. (1 point) Use any model to illustrate  $-2 \times (-4)$ .

5. (1 point) What is the sign of the result of dividing a negative number? Explain how you know.