

# Math 200 - Quiz 5

March 3, 2010

Name \_\_\_\_\_

Score \_\_\_\_\_

Show all work. Supply explanations when necessary.

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- (1 point) Use a subtraction model to model  $6 - 2$ . Explain.
- (1 point) State the whole number addition property that justifies each of the following. Explain your reasoning.
  - $(1 + 3) + 2 = (3 + 1) + 2$
  - $(2 + 7) + (8 + 9) = (8 + 9) + (2 + 7)$
- (1 point) Find a digit to replace the  $x$  so that  $3x5_{\text{seven}} = 180$ .
- (1 point) Use the missing addend model to model  $8 - 5$ .
- (1 point) Briefly describe, with an example, one of the following addition fact strategies: counting on, doubles, making 10.