

# Math 085 - Quiz 4

September 10, 2013

Name key

Score \_\_\_\_\_

Show all your work to receive full credit. Supply explanations when necessary.  
NO CALCULATORS ARE ALLOWED ON THIS QUIZ!

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1. (3 points) Compute each sum or difference.

$$(a) 5 + (-7) = -(7 - 5) = \boxed{-2}$$

$$(b) -8 + 2 = -(8 - 2) = \boxed{-6}$$

$$(c) -3 + (-9) = -(3 + 9) = \boxed{-12}$$

$$(d) 5 - (-3) = 5 + 3 = \boxed{8}$$

$$(e) -9 - (-4) = -9 + 4 = -(9 - 4) = \boxed{-5}$$

$$(f) -6 - 7 = -6 + (-7) = \boxed{-13}$$

2. (2 points) Compute each of the following.

$$(a) -3 + 2 - (-5) + (-7) + 9 = -3 + 2 + 5 + (-7) + 9 \\ = -10 + 16 = \boxed{6}$$

$$(b) 3 \cdot |2 - 5| + (-9)$$

$$= 3(3) + (-9) = 9 + (-9) = \boxed{0}$$