# Math 099 - Quiz 4

Name _____

October 1, 2018

Score _____

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

1. (10 points) Identify each compound equation or inequality as a disjunction or a conjunction, then solve.

   (a) $-2x + 7 < 1$ and $6x - 10 < 20$

   (b) $3x + 5 = 2x + 2$ or $8x = 7$

   (c) $5x + 7 < -18$ or $-3x + 40 < 16$