

Name _____

Date _____

Solving Absolute Value Equations HW #2

$$1) -10|r + 6| = -50$$

$$2) 9 + |-8 + n| = 17$$

$$3) -8|b + 7| - 5 = -13$$

$$4) -7 + 5\left|\frac{x}{5}\right| = -6$$

$$5) |4a + 6| - 3 = -1$$

$$6) 10|5n - 7| - 9 = 71$$

Solve the absolute value equations and check for extraneous solutions!!

$$7) 3|2x + 5| = 9x$$

$$8) |2x + 5| = 3x$$