

Name: _____ Date: _____ Period: _____

7H4: Algebra 1B Practice sheet 1 on completing the square (with only variables on the left side)

Find the value of the variables by completing the square

1) $10x^2 + 20x = 80$

5) $3x^2 - 18x = 48$

2) $x^2 - 20x = -51$

6) $x^2 + 4x = 32$

3) $x^2 - 5x = 7$

7) $-5x^2 - 15x = -30$

4) $x^2 - 18x = 63$

8) $x^2 + 12x = 28$