

Review Sheet

Name: _____

Solve the equations using the Distributive Property. Show all steps using the balance method and mentally check your answers.

1 $4(x+5) = 24$	2 $-3(x-4) = 6$	3 $4(3x-5) = 16$
4 $-10x = 2(x+6)$	5 $-6x = 3(x-6)$	6 $x = 2(3x+10)$
7 $3x-16 = 5(x-2)$	8 $10x-2 = 3(x+4)$	9 $4x-4 = 2(x+1)$

10 $4(2x+2) = 4(x+10)$	11 $8(x-2) = 3(x+3)$	12 $5(x-8) = 3(x+2)$
13 $2(x-3) = 4(x-7)$	14 $5(x+6) = 2x+15$	15 $-32 = 2(4x-18)$
16 $-2(3x-7) = 5(2x+8)$	17 $-4(6-2x) = 3(2x+10)$	18 $-(-6x-1) = 9(-7x-4)$