Name _____ Date ____/____/____

Algebra 1 Towne / Hoffman

Here are fifteen equations. They represent only four different lines. Find which equations are equivalent by simplifying the right side of each one.

a) $y = 2(x - 2.5)$

b) $y = 11 + 2(x - 8)$

c) $y = 18 + 2(x - 8)$

d) $y = 3 - 5x - 6 - x$

e) $y = 52 - 6(x + 8)$

f) $y = 2(x - 4) + 10$

g) $y = -6 + 2(x + 4)$

h) $y = 15 - 2(10 - x)$

i) $y = 21 - 6(x + 4)$

j) $y = 7 + 2(x - 6)$

k) $y = -14 - 6(x - 3)$

l) $y = -6(x + 0.5)$

m) $y = -10 + 2(x + 6)$

n) $y = -6(x + 2) + 16$

o) $y = 2x + 4 - 8x$