Name: _____
Period: _____

Combining Like Terms and Distributive Property
Lesson Quiz Study Guide

Write an equivalent expression for 2 (x+5)

True or False: 12x is equivalent to 8x+4.
Why or why not?

Write an equivalent expression for 6x+4y-3x.

Write an equivalent expression 4(m-12).

Which are equivalent to 16m+32n+64
    8(2m+4n+8)
    8 (m-4n+3)
    4(4m+8n+16)
    12 (m+2n+4)
    2 (8m+16n+32)

True or False: 3x+4y is equivalent to x+x+x+y+y+y+y
Why or why not?

Fill in the blank: $20x+24y=$ _____$(5x+6y)$

True or False: $s+s+s+s$ is equivalent to s^4
Why or why not?

Write an equivalent expression to $30+20x$ (HINT: Think of the distributive property.)