Exponent Rules Skills Check Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Simplify (no negative exponents).

1. (5x2y-4)(3xy2) 2. (-3a-4b3)-3 3.

4. -3(4x2yz3)2 5. 6. -(82)-3 (leave in exponential form)

7. (x4)3 8. 9.

10. 11. 52 · 5-3 12. (8x-2)(2x)3

13. -53w3y7z-2y-3z(-2z)-2 14. a-2(a2) 15. (-3x-2)