NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Multiplying and Dividing Powers Practice**

**When *multiplying* powers, you \_\_\_\_\_\_\_\_\_ the exponents.**

1. x7●x4 2. a5●a4 3. b3●c2●b7●c2 4. x8●y3 ●x●y2
2. 2a7●3a2 6. 5x6●3x4 7. 6b3g4●7b2g7 8. 9xy2●4x3y6

**When dividing powers, you \_\_\_\_\_\_\_\_\_\_\_\_\_ the exponents.**

9. 10. 11. 12. b5 ÷ b2

13. 14. 15. 16. 24b8c4 ÷ 3b6c

**Mixed Practice**

17. 6a3●3a9 18. 19. g5●g8 20.

21. 14. 15. 9b6g8●8b6g7 16. 6bg●9b2g7