**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_**

**8.1-8.3 Practice**

**Simplifying Exponents**

**Simplify. Your answer should contain only positive exponents.**

**1.** 3 ∙2 **2.**  *x* ∙ *y* ∙ *y* **3.** 3 ∙ 3

**4.**  3*mn* ∙ 3*m* **5.** 3*a* ∙ **6.** 2 ∙ 3

**7.** 2 ∙ 2 **8.** 3*x* ∙ 2 **9.** 3 ∙ 2

**10.** 3 ∙ 2*uv* **11.** –*n* ∙ ( **12.** (–

**13.** (– ∙ –*x* **14.**  ((– **15.**  –*x* ∙ (

**16.** ( ∙ –*y*  **17.** ( ∙ **18.** (– ∙ –

**19.**  ∙ (- **20.** (– ∙ – **21.**

**22. 23. 24.**

**25. 26. 27. –**

**28. 29. 30.**

**31.** 3 ∙ 3*n***32.**  ∙ 2  **33.** 2 ∙ 2

**34. 35.** 3*x·* **36.** 3*x* ∙ 3

**37.**  2 **38. 2***a* ∙ 2 ∙ 2  **39.** 3 ∙ 2 ∙ 3*k*

**40.**  ∙ 3 **41. 42.**

**43. 44. 45. –**

**46 . 47.– 48. –**

**49. 50. 51.**

**52. 53. – 54.**

**55. 56. 57. –**

**58. 59. 60.**

**61. 62. 63.**

**64. 65. 66.**

**67. 68. 69.**

**70. 71. 72.**

**73. 74. 75.**

**76. 77. 78.**

**79. 80.**