

5-2**Practice: Skills****Integer Exponents**

Write each expression using a positive exponent.

1. 3^{-4}

2. 6^{-7}

3. 10^{-4}

4. $1-20^{-3}$

5. $(-40)^{-2}$

6. $(-37)^{-44}$

7. x^{-10}

8. 5^{-9}

9. q^{-5}

10. m^{-4}

11. r^{-20}

12. p^{-3}

Write each fraction as an expression using a negative exponent other than -1 .

13. $\frac{1}{10}$

14. $\frac{1}{100}$

15. $\frac{1}{10}$

16. $\frac{1}{10}$

17. $\frac{1}{100}$

18. $\frac{1}{100}$

19. $\frac{1}{10}$

20. $\frac{1}{10}$

21. $\frac{1}{10}$

22. $\frac{1}{10}$

23. $\frac{1}{10}$

24. $\frac{1}{10}$

Find each quotient. Rewrite using positive exponents.

25. $\frac{x^4}{x^2}$

26. $\frac{x^4}{x^2}$

27. $\frac{x^4}{x^2}$

28. $\frac{x^4}{x^2}$

29. $\frac{x^4}{x^2}$

30. $\frac{x^4}{x^2}$

31. $\frac{x^4}{x^2}$

32. $\frac{x^4}{x^2}$

33. $\frac{x^4}{x^2}$

34. $(x^2y)^3$

35. $(x^2y)^3$

36. $(x^2y)^3$