



Practice: Skills

Integer Exponents

Write each expression using a positive exponent.

1. 2^{-4}

2. 6^{-7}

3. 30^{-4}

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

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

6. $(-27)^{-44}$

7. a^{-10}

8. b^{-9}

9. q^{-5}

10. m^{-4}

11. r^{-20}

12. p^{-3}

Write each fraction as an expression using a negative exponent of base -1 .

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

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

15. $\frac{1}{5}$

16. $\frac{1}{3}$

17. $\frac{1}{11}$

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

19. $\frac{1}{5}$

20. $\frac{1}{2}$

21. $\frac{1}{3}$

22. $\frac{1}{12}$

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

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

Find each quotient. Rewrite using positive exponents.

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

26. $\frac{x^3}{x^2}$

27. $\frac{x^5}{x^2}$

28. $\frac{x^4}{x^3}$

29. $\frac{x^5}{x^2}$

30. $\frac{x^3}{x^2}$

31. $\frac{x^4}{x^3}$

32. $\frac{x^5}{x^2}$

33. $\frac{x^4}{x^3}$

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

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

36. $(x^2y)^4$