

Write each expression in radical form.

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

30. $(2y)^{\frac{1}{3}}$

32. $b^{\frac{1}{5}}$

33. $z^{\frac{2}{3}}$

34. $(ab)^{\frac{1}{4}}$

36. $t^{-\frac{2}{7}}$

Write each expression in exponential form.

38. $\sqrt{x^3}$

39. $\sqrt[3]{m}$

40. $\sqrt{5y}$

42. $(\sqrt[4]{b})^3$

44. $\sqrt{(6a)^4}$

45. $\sqrt[5]{n^4}$

46. $\sqrt[4]{(5ab)^3}$

Simplify.

19) $(2x^4y^{-3})^{-1}$

20) $(3m)^{-2}$

23) $\frac{3n^4}{3n^3}$

24) $\frac{m^4}{2m^4}$

27) $\frac{4x^0y^{-2}z^3}{4x}$

28) $\frac{2h^3j^{-3}k^4}{3jk}$