# Zero and negative exponents

Name _____ Date _____

1. $(x^{-4})^3 =$ _____
2. $(x^{-2})^4 =$ _____
3. $4x^0 \cdot x^3 =$ _____
4. $9x^{-3} =$ _____
5. $2^{-3} =$ _____
6. $(\frac{1}{4})^{-2} =$ _____
7. $(\frac{2}{5})^{-2} =$ _____
8. $(\frac{5}{6})^{-2} =$ _____
9. $9x^{-2} =$ _____
10. $x^{-5} \cdot x^1 =$ _____
11. $(2x^{-3})^3 =$ _____
12. $(2x^{-2})^3 =$ _____
13. $(2x^{-1})^3 =$ _____
14. $(x^{-2})^3 =$ _____
15. $3x^{-4} =$ _____
16. $10^{-2} =$ _____
17. $x^{-8} \cdot x^3 =$ _____
18. $(\frac{3}{4})^{-2} =$ _____
19. $(\frac{3}{5})^{-1} =$ _____
20. $(\frac{5}{3})^{-1} =$ _____
21. $2^{-1} =$ _____
22. $x^{-7} \cdot x^2 =$ _____
23. $(2x^{-2})^3 =$ _____
24. $(3x^{-3})^3 =$ _____

## Zero and negative exponents

25. $(\frac{4}{5})^{-1} =$ _____

26. $2^{-2} =$ _____

27. $x^{-2} \cdot x^{8} =$ _____

28. $(x^{-5})^{3} =$ _____

29. $8x^{0} \cdot x^{6} =$ _____

30. $x^{-4} \cdot x^{7} =$ _____

31. $2x^{0} \cdot x^{6} =$ _____

32. $10^{-1} =$ _____

33. $(x^{-5})^{4} =$ _____

34. $(3x^{-1})^{3} =$ _____

35. $(2x^{-3})^{3} =$ _____

36. $6x^{-4} =$ _____

37. $x^{-7} \cdot x^{4} =$ _____

38. $x^{-2} \cdot x^{6} =$ _____

39. $(\frac{1}{4})^{-1} =$ _____

40. $2x^{-3} =$ _____

41. $(x^{-4})^{2} =$ _____

42. $9x^{0} \cdot x^{2} =$ _____

43. $(3x^{-3})^{2} =$ _____

44. $x^{-1} \cdot x^{7} =$ _____

45. $(x^{-2})^{3} =$ _____

46. $(2x^{-2})^{3} =$ _____

47. $2^{-1} =$ _____

48. $6x^{-5} =$ _____

49. $(\frac{3}{5})^{-1} =$ _____

50. $2x^{-2} =$ _____

51. $(\frac{3}{4})^{-2} =$ _____