

Name _____ Period _____ Date _____

Exponents with Base 10

Write each exponent in standard form.

1. 10^1

2. 10^2

3. 10^3

4. 10^4

5. 10^5

6. 10^6

These problems are in scientific notation. Switch them to standard form.

7. 2×10^4

8. 8×10^2

9. 132×10^6

10. 3.12×10^4

11. 5.4×10^2

12. 1.6×10^3

Is the number in scientific notation? Just write yes or no.

13. 52.6×10^2

14. 1.2×10^9

15. 5×10^6

16. 6.03×10

17. 5.8×10^7

18. 78.4×10^6

Write each number in scientific notation accurate to two decimal places.

19. 5,678

20. 10,846,987

21. 15,670

22. 98,100,465

23. 412,763

24. 420

25. 5,036

26. 972,670,101

27. 6,128,671

Name ANSWER KEY Period _____ Date _____

Exponents with Base 10

Write each exponent in standard form.

1. 10^1

10

2. 10^2

100

3. 10^3

100

4. 10^4

10,000

5. 10^5

100,000

6. 10^6

1,000,000

These problems are in scientific notation. Switch them to standard form.

7. 2×10^4

10,000

8. 8×10^2

100,000

9. 132×10^6

1,000,000

10. 3.12×10^4

31,200

11. 5.4×10^2

540

12. 1.6×10^3

1,600

Is the number in scientific notation? Just write yes or no.

13. 52.6×10^2

NO

14. 1.2×10^9

YES

15. 5×10^6

YES

16. 6.03×10

YES

17. 5.8×10^7

YES

18. 78.4×10^6

NO

Write each number in scientific notation accurate to two decimal places.

19. 5,678

5.68×10^3

20. 10,846,987

1.08×10^7

21. 15,670

1.57×10^4

22. 98,100,465

9.81×10^7

23. 412,763

4.13×10^5

24. 420

4.20×10^2

25. 5,036

5.04×10^3

26. 972,670,101

9.73×10^8

27. 6,128,671

6.13×10^6