



# Math Worksheet for 6th Grade

## Meaning of exponents

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

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### Questions

1.  $2^3 = ?$

2.  $5^2 = ?$

3.  $3^4 = ?$

4.  $4^2 = ?$

5.  $6^2 = ?$

6.  $2^5 = ?$

7.  $10^2 = ?$

8.  $7^1 = ?$

9.  $1^6 = ?$

10.  $8^2 = ?$

11.  $9^2 = ?$

12.  $3^3 = ?$

13.  $4^3 = ?$

14.  $2^4 = ?$

15.  $5^3 = ?$

16.  $5^0 = ?$

17.  $0^3 = ?$

18.  $11^2 = ?$

19.  $12^2 = ?$

20.  $2^6 = ?$

21.  $3^2 = ?$

22.  $6^3 = ?$

23.  $7^2 = ?$

24.  $4^4 = ?$

25. Write as an exponent:  $5 \times 5 \times 5 = ?$

26. Write as an exponent:  $3 \times 3 \times 3 \times 3 = ?$

27. Write as an exponent:  $10 \times 10 = ?$

28. Write as an exponent:  $6 \times 6 \times 6 = ?$

29. Write as an exponent:  $9 \times 9 \times 9 \times 9 \times 9 = ?$

30. For  $7^3$ , what is the base and what is the exponent?

31. For  $12^2$ , what is the base and what is the exponent?



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32. For  $4^5$ , what is the base and what is the exponent?

33. Which is larger:  $3^3$  or  $2^{4^?}$

34.  $5^1 = ?$

35.  $1^0 = ?$

36. Write  $8^3$  as repeated multiplication.

37.  $8^1 = ?$

38.  $0^1 = ?$

39.  $2^1 = ?$

40.  $3^5 = ?$

41. Write as an exponent:  $4 \times 4 \times 4 \times 4 \times 4 = ?$

42. In  $15^2$ , what is the exponent?

43. In  $15^2$ , what is the base?

44.  $12^1 = ?$

45.  $2^3 + 2^2 = ?$

46.  $3^2 + 4^2 = ?$

47.  $10^3 = ?$

48. Write as an exponent:  $0 \times 0 \times 0 \times 0 = ?$

49.  $9^1 = ?$

50.  $6^1 = ?$