Grade 7 Exponents Worksheet

Name: _____ Date: _____ Score: _____

Evaluate each exponent. Write your answer on the line.

1. What is 2p?

   _____

2. What is 4^3?

   _____

3. Simplify: 3 × 3^3. What is the exponent?

   _____

4. What is 9p?

   _____

5. Simplify: 2^3 × 2^3. What is the exponent?

   _____

6. What is 6p?

   _____

7. Simplify: 4^2 × 4^2. What is the exponent?

   _____

8. What is 2^4?

   _____

9. What is 3^2?

   _____

10. Simplify: 4^3 × 4^2. What is the exponent?

    _____

11. What is 4^2?

    _____

12. What is 4^4?

    _____

13. Simplify: 3^2 × 3. What is the exponent?

    _____

14. Simplify: 2 × 2^2. What is the exponent?

    _____

15. What is 5p?

    _____

16. What is 4p?

    _____

17. What is 2^2?

    _____

18. Simplify: 5^3 × 5^2. What is the exponent?

    _____

19. What is 3p?

    _____

20. What is 8p?

    _____

21. Simplify: 5 × 5^2. What is the exponent?

    _____

22. What is 7p?

    _____

23. Simplify: 4^2 × 4. What is the exponent?

    _____

24. Simplify: 5^2 × 5. What is the exponent?

    _____

25. What is 2^3?

    _____

26. Simplify: 3 × 3. What is the exponent?

    _____

27. What is 3^4?

    _____

28. What is 3^3?

    _____

29.

30.

31.

32.

Simplify: 3^3 × 3^3. What is the exponent?

_____

Simplify: 5 × 5. What is the exponent?

_____

Simplify: 5^3 × 5^3. What is the exponent?

_____

Simplify: 4 × 4^3. What is the exponent?

_____

33. Simplify: 5^2 × 5^2. What is the exponent?

    _____

34. What is 10p?

    _____

35. Simplify: 3^3 × 3^2. What is the exponent?

    _____

36. Simplify: 2^2 × 2^3. What is the exponent?

    _____

37. Simplify: 3^2 × 3^2. What is the exponent?

    _____

38. Simplify: 2^3 × 2. What is the exponent?

    _____

39. Simplify: 2^3 × 2^2. What is the exponent?

    _____

40. Simplify: 4 × 4. What is the exponent?

    _____

ANSWER KEY

Grade 7 Exponents Worksheet

1. What is 2p?
   1
2. What is 4^3?
   64
3. Simplify: 3 × 3^3. What is the exponent?
   4
4. What is 9p?
   1
5. Simplify: 2^3 × 2^3. What is the exponent?
   6
6. What is 6p?
   1
7. Simplify: 4^2 × 4^2. What is the exponent?
   4
8. What is 2^4?
   16
9. What is 3^2?
   9
10. Simplify: 4^3 × 4^2. What is the exponent?
    5
11. What is 4^2?
    16
12. What is 4^4?
    256
13. Simplify: 3^2 × 3. What is the exponent?
    3
14. Simplify: 2 × 2^2. What is the exponent?
    3
15. What is 5p?
    1
16. What is 4p?
    1
17. What is 2^2?
    4
18. Simplify: 5^3 × 5^2. What is the exponent?
    5
19. What is 3p?
    1
20. What is 8p?
    1
21. Simplify: 5 × 5^2. What is the exponent?
    3
22. What is 7p?
    1
23. Simplify: 4^2 × 4. What is the exponent?
    3
24. Simplify: 5^2 × 5. What is the exponent?
    3
25. What is 2^3?
    8
26. Simplify: 3 × 3. What is the exponent?
    2
27. What is 3^4?
    81
28. What is 3^3?
    27
29. Simplify: 3^3 × 3^3. What is the exponent?
30. Simplify: 5 × 5. What is the exponent?
31. Simplify: 5^3 × 5^3. What is the exponent?
32. Simplify: 4 × 4^3. What is the exponent?

6 **2** **6** **4**

33. Simplify: 5^2 × 5^2. What is the exponent?
    4

34. What is 10p?
    1

35. Simplify: 3^3 × 3^2. What is the exponent?
    5

36. Simplify: 2^2 × 2^3. What is the exponent?
    5

37. Simplify: 3^2 × 3^2. What is the exponent?
    4

38. Simplify: 2^3 × 2. What is the exponent?
    4

39. Simplify: 2^3 × 2^2. What is the exponent?
    5

40. Simplify: 4 × 4. What is the exponent?
    2