

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: $2^3 \times 2^3$.
What is the exponent?
_____ | 6. What is $6p$?
_____ | 7. Simplify: $4^2 \times 4^2$.
What is the exponent?
_____ | 8. What is 2^4 ?
_____ |
| 9. What is 3^2 ?
_____ | 10. Simplify: $4^3 \times 4^2$.
What is the exponent?
_____ | 11. What is 4^2 ?
_____ | 12. What is 4^4 ?
_____ |
| 13. Simplify: $3^2 \times 3$.
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: $5^3 \times 5^2$.
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: $4^2 \times 4$.
What is the exponent?
_____ | 24. Simplify: $5^2 \times 5$.
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. Simplify: $3^3 \times 3^3$. What is the exponent?

30. Simplify: 5×5 .
What is the exponent?

31. Simplify: $5^3 \times 5^3$. What is the exponent?

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

33. Simplify: $5^2 \times 5^2$. What is the exponent?

34. What is $10p$?

35. Simplify: $3^3 \times 3^2$. What is the exponent?

36. Simplify: $2^2 \times 2^3$. What is the exponent?

37. Simplify: $3^2 \times 3^2$. What is the exponent?

38. Simplify: $2^3 \times 2$.
What is the exponent?

39. Simplify: $2^3 \times 2^2$. 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: $2^3 \times 2^3$.
What is the exponent?
6 | 6. What is $6p$?
1 | 7. Simplify: $4^2 \times 4^2$.
What is the exponent?
4 | 8. What is 2^4 ?
16 |
| 9. What is 3^2 ?
9 | 10. Simplify: $4^3 \times 4^2$.
What is the exponent?
5 | 11. What is 4^2 ?
16 | 12. What is 4^4 ?
256 |
| 13. Simplify: $3^2 \times 3$.
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: $5^3 \times 5^2$.
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: $4^2 \times 4$.
What is the exponent?
3 | 24. Simplify: $5^2 \times 5$.
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: $3^3 \times 3^3$. What is the exponent?
6
30. Simplify: 5×5 .
What is the exponent?
2
31. Simplify: $5^3 \times 5^3$. What is the exponent?
6
32. Simplify: 4×4^3 .
What is the exponent?
4
33. Simplify: $5^2 \times 5^2$. What is the exponent?
4
34. What is $10p$?
1
35. Simplify: $3^3 \times 3^2$. What is the exponent?
5
36. Simplify: $2^2 \times 2^3$. What is the exponent?
5
37. Simplify: $3^2 \times 3^2$. What is the exponent?
4
38. Simplify: $2^3 \times 2$.
What is the exponent?
4
39. Simplify: $2^3 \times 2^2$. What is the exponent?
5
40. Simplify: 4×4 .
What is the exponent?
2