



Name: _____

Date: _____

1. What is 6^2 ?

39

35

34

36

2. $5^3 =$ ____

3. Write $4 \times 4 \times 4 \times 4$ using an exponent.

 4^4 4^3 4^5

4. What is 6 squared (6^2)?

32

34

36

37

5. What is 5 cubed (5^3)? ____



6. Evaluate: $2^2 + 6$

14

12

10

7

7. Write 3×3 using an exponent.

3^2

2^3

3^1

3^3

8. Write $7 \times 7 \times 7$ using an exponent.

7^4

3^7

7^2

7^3

9. Evaluate 2^4 .

10. What is 9^3 ?

502

729

964

598

11. $4^2 = \underline{\hspace{1cm}}$



12. Write $3 \times 3 \times 3 \times 3$ using an exponent.

4^3

3^3

3^4

3^5

13. What is 2 squared (2^2)?

14. What is 4 cubed (4^3)? ____

15. Evaluate: $4^2 + 4$

17

19

18

20

16. Write 7×7 using an exponent.

7^3

7^2

7^1

2^7

17. Write $6 \times 6 \times 6$ using an exponent.

3^6

6^3

6^4

6^2



18. Evaluate 5^3 .

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Answer Key

1. **36** $6^2 = 6 \times 6 = 36$.
2. **125** $5^3 = 125$.
3. 4^4 4 multiplied 4 times is 4^4 .
4. **36** 6 squared = $6 \times 6 = 36$.
5. **125** $5^3 = 5 \times 5 \times 5 = 125$.
6. **10** $2^2 = 4$, then $+ 6 = 10$.
7. 3^2 3 multiplied 2 times is 3^2 .
8. 7^3 7 multiplied 3 times is 7^3 .
9. **16** $2^4 = 16$.
10. **729** $9^3 = 9 \times 9 \times 9 = 729$.
11. **16** $4^2 = 16$.
12. 3^4 3 multiplied 4 times is 3^4 .
13. **4** 2 squared = $2 \times 2 = 4$.
14. **64** $4^3 = 4 \times 4 \times 4 = 64$.
15. **20** $4^2 = 16$, then $+ 4 = 20$.
16. 7^2 7 multiplied 2 times is 7^2 .
17. 6^3 6 multiplied 3 times is 6^3 .
18. **125** $5^3 = 125$.