



**Rewrite the number as a multiplication problem.**

1)  $4^4$

2)  $8^5$

3)  $2^2$

4)  $6^4$

5)  $5^2$

**Rewrite the multiplication problem in exponential notation.**

6)  $2 \times 2$

7)  $3 \times 3 \times 3 \times 3$

8)  $6 \times 6 \times 6 \times 6$

9)  $8 \times 8 \times 8 \times 8 \times 8$

10)  $7 \times 7 \times 7 \times 7$

**Solve the problems.**

11)  $6^3$

12)  $9^3$

13)  $5^2$

14)  $8^3$

15)  $4^2$

16) What is 3 cubed?

17) What is 6 squared?

18) What is 7 to the power of three?

19) What is 5 cubed?

20) What is 7 squared?

**Answers**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

11. \_\_\_\_\_

12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

15. \_\_\_\_\_

16. \_\_\_\_\_

17. \_\_\_\_\_

18. \_\_\_\_\_

19. \_\_\_\_\_

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- 16) What is 3 cubed?
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**Answers**

- 1.  **$4 \times 4 \times 4 \times 4$**
- 2.  **$8 \times 8 \times 8 \times 8 \times 8$**
- 3.  **$2 \times 2$**
- 4.  **$6 \times 6 \times 6 \times 6$**
- 5.  **$5 \times 5$**
- 6.  **$2^2$**
- 7.  **$3^4$**
- 8.  **$6^4$**
- 9.  **$8^5$**
- 10.  **$7^4$**
- 11. **216**
- 12. **729**
- 13. **25**
- 14. **512**
- 15. **16**
- 16. **27**
- 17. **36**
- 18. **343**
- 19. **125**
- 20. **49**