



**Answers**

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

1)  $3^5$

2)  $7^4$

3)  $6^4$

4)  $4^4$

5)  $8^5$

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

6)  $4 \times 4 \times 4$

7)  $3 \times 3 \times 3$

8)  $4 \times 4 \times 4 \times 4$

9)  $3 \times 3 \times 3 \times 3$

10)  $7 \times 7$

**Solve the problem.**

11)  $5^2$

12)  $9^2$

13)  $6^2$

14)  $6^3$

15)  $7^3$

16) What is 3 cubed?

17) What is 9 squared?

18) What is 6 squared?

19) What is 9 cubed?

20) What is 6 cubed?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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18) What is 6 squared?

19) What is 9 cubed?

20) What is 6 cubed?

**Answers**

1.  $3 \times 3 \times 3 \times 3 \times 3$

2.  $7 \times 7 \times 7 \times 7$

3.  $6 \times 6 \times 6 \times 6$

4.  $4 \times 4 \times 4 \times 4$

5.  $8 \times 8 \times 8 \times 8 \times 8$

6.  $4^3$

7.  $3^3$

8.  $4^4$

9.  $3^4$

10.  $7^2$

11.  $25$

12.  $81$

13.  $36$

14.  $216$

15.  $343$

16.  $27$

17.  $81$

18.  $36$

19.  $729$

20.  $216$