



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

1)  $9^5$

2)  $4^5$

3)  $4^3$

4)  $8^4$

5)  $5^4$

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

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

7)  $9 \times 9 \times 9$

8)  $2 \times 2$

9)  $4 \times 4 \times 4$

10)  $6 \times 6 \times 6$

**Solve the problem.**

11)  $4^2$

12)  $8^3$

13)  $9^3$

14)  $6^3$

15)  $6^2$

16) What is 4 cubed?

17) What is 4 squared?

18) What is 8 squared?

19) What is 2 squared?

20) What is 5 to the power of two?

**Answers**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Answers

1.  $9 \times 9 \times 9 \times 9 \times 9$

2.  $4 \times 4 \times 4 \times 4 \times 4$

3.  $4 \times 4 \times 4$

4.  $8 \times 8 \times 8 \times 8$

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

6.  $6^4$

7.  $9^3$

8.  $2^2$

9.  $4^3$

10.  $6^3$

11.  $16$

12.  $512$

13.  $729$

14.  $216$

15.  $36$

16.  $64$

17.  $16$

18.  $64$

19.  $4$

20.  $25$