



Answers

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

1)  $3^4$

2)  $6^3$

3)  $2^2$

4)  $7^4$

5)  $2^3$

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

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

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

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

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

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

6)  $4 \times 4 \times 4$

7)  $9 \times 9 \times 9 \times 9$

8)  $2 \times 2$

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

10)  $4 \times 4 \times 4 \times 4$

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

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

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

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

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

**Solve the problem.**

11)  $2^3$

12)  $9^3$

13)  $2^2$

14)  $7^2$

15)  $4^3$

16) What is 6 to the power of three?

17) What is 8 to the power of two?

18) What is 3 cubed?

19) What is 2 squared?

20) What is 2 cubed?

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

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

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

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

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

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

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

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

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

20. \_\_\_\_\_

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**Answers**

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

2.  $6 \times 6 \times 6$

3.  $2 \times 2$

4.  $7 \times 7 \times 7 \times 7$

5.  $2 \times 2 \times 2$

6.  $4^3$

7.  $9^4$

8.  $2^2$

9.  $8^5$

10.  $4^4$

11.  $8$

12.  $729$

13.  $4$

14.  $49$

15.  $64$

16.  $216$

17.  $64$

18.  $27$

19.  $4$

20.  $8$