



Answers

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

1)  $9^2$

2)  $7^3$

3)  $3^3$

4)  $2^2$

5)  $3^5$

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

6)  $4 \times 4 \times 4$

7)  $4 \times 4 \times 4 \times 4 \times 4$

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

9)  $5 \times 5 \times 5 \times 5$

10)  $5 \times 5 \times 5$

**Solve the problem.**

11)  $7^2$

12)  $6^3$

13)  $2^2$

14)  $4^2$

15)  $4^3$

16) What is 7 cubed?

17) What is 8 to the power of two?

18) What is 5 cubed?

19) What is 6 cubed?

20) What is 4 to the power of three?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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20) What is 4 to the power of three?

**Answers**

1.  $9 \times 9$

2.  $7 \times 7 \times 7$

3.  $3 \times 3 \times 3$

4.  $2 \times 2$

5.  $3 \times 3 \times 3 \times 3 \times 3$

6.  $4^3$

7.  $4^5$

8.  $4^4$

9.  $5^4$

10.  $5^3$

11.  $49$

12.  $216$

13.  $4$

14.  $16$

15.  $64$

16.  $343$

17.  $64$

18.  $125$

19.  $216$

20.  $64$