



Answers

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

1)  $8^3$

2)  $6^2$

3)  $8^4$

4)  $9^4$

5)  $3^4$

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

6)  $9 \times 9 \times 9$

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

8)  $5 \times 5 \times 5 \times 5$

9)  $9 \times 9$

10)  $6 \times 6 \times 6 \times 6 \times 6$

**Solve the problem.**

11)  $3^3$

12)  $5^3$

13)  $9^2$

14)  $8^3$

15)  $4^2$

16) What is 7 cubed?

17) What is 6 squared?

18) What is 7 squared?

19) What is 9 cubed?

20) What is 3 to the power of two?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**Answers**

1.  $8 \times 8 \times 8$

2.  $6 \times 6$

3.  $8 \times 8 \times 8 \times 8$

4.  $9 \times 9 \times 9 \times 9$

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

6.  $9^3$

7.  $3^4$

8.  $5^4$

9.  $9^2$

10.  $6^5$

11.  $27$

12.  $125$

13.  $81$

14.  $512$

15.  $16$

16.  $343$

17.  $36$

18.  $49$

19.  $729$

20.  $9$