



**Answers**

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

1)  $2^2$

2)  $3^3$

3)  $7^5$

4)  $4^5$

5)  $6^2$

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

6)  $4 \times 4 \times 4$

7)  $8 \times 8 \times 8$

8)  $7 \times 7 \times 7 \times 7 \times 7$

9)  $9 \times 9$

10)  $3 \times 3 \times 3 \times 3 \times 3$

**Solve the problem.**

11)  $3^2$

12)  $3^3$

13)  $2^2$

14)  $7^3$

15)  $9^2$

16) What is 3 to the power of three?

17) What is 7 to the power of two?

18) What is 6 squared?

19) What is 7 to the power of three?

20) What is 3 to the power of two?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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**Answers**

1.  $2 \times 2$

2.  $3 \times 3 \times 3$

3.  $7 \times 7 \times 7 \times 7 \times 7$

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

5.  $6 \times 6$

6.  $4^3$

7.  $8^3$

8.  $7^5$

9.  $9^2$

10.  $3^5$

11.  $9$

12.  $27$

13.  $4$

14.  $343$

15.  $81$

16.  $27$

17.  $49$

18.  $36$

19.  $343$

20.  $9$