



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

- 1)  $2^2$
- 2)  $5^2$
- 3)  $7^2$
- 4)  $9^4$
- 5)  $3^4$

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

- 6)  $6 \times 6$
- 7)  $9 \times 9 \times 9$
- 8)  $8 \times 8 \times 8$
- 9)  $8 \times 8 \times 8 \times 8$
- 10)  $7 \times 7 \times 7 \times 7$

**Solve the problems.**

- 11)  $7^3$
- 12)  $2^2$
- 13)  $5^3$
- 14)  $6^2$
- 15)  $4^3$
- 16) What is 8 cubed?
- 17) What is 7 squared?
- 18) What is 8 squared?
- 19) What is 2 cubed?
- 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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- 20) What is 5 to the power of two?

**Answers**

- 1.  $2 \times 2$
- 2.  $5 \times 5$
- 3.  $7 \times 7$
- 4.  $9 \times 9 \times 9 \times 9$
- 5.  $3 \times 3 \times 3 \times 3$
- 6.  $6^2$
- 7.  $9^3$
- 8.  $8^3$
- 9.  $8^4$
- 10.  $7^4$
- 11.  $343$
- 12.  $4$
- 13.  $125$
- 14.  $36$
- 15.  $64$
- 16.  $512$
- 17.  $49$
- 18.  $64$
- 19.  $8$
- 20.  $25$