



Rewrite the number as a multiplication problem.

- 1) 6^3
- 2) 9^4
- 3) 2^3
- 4) 4^2
- 5) 9^3

Rewrite the multiplication problem in exponential notation.

- 6) $8 \times 8 \times 8$
- 7) $4 \times 4 \times 4 \times 4 \times 4$
- 8) $5 \times 5 \times 5$
- 9) $7 \times 7 \times 7 \times 7$
- 10) 9×9

Solve the problems.

- 11) 7^2
- 12) 4^2
- 13) 7^3
- 14) 8^3
- 15) 4^3
- 16) What is 6 cubed?
- 17) What is 3 cubed?
- 18) What is 8 to the power of two?
- 19) What is 5 squared?
- 20) What is 9 to the power of three?

Answers

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____

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Answers

1. $6 \times 6 \times 6$
2. $9 \times 9 \times 9 \times 9$
3. $2 \times 2 \times 2$
4. 4×4
5. $9 \times 9 \times 9$
6. 8^3
7. 4^5
8. 5^3
9. 7^4
10. 9^2
11. 49
12. 16
13. 343
14. 512
15. 64
16. 216
17. 27
18. 64
19. 25
20. 729