



Rewrite the number as a multiplication problem.

- 1) 8^4
- 2) 4^2
- 3) 9^3
- 4) 3^4
- 5) 3^5

Rewrite the multiplication problem in exponential notation.

- 6) 7×7
- 7) $8 \times 8 \times 8$
- 8) $4 \times 4 \times 4$
- 9) 6×6
- 10) $2 \times 2 \times 2$

Solve the problems.

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

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

2. 4×4

3. $9 \times 9 \times 9$

4. $3 \times 3 \times 3 \times 3$

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

6. 7^2

7. 8^3

8. 4^3

9. 6^2

10. 2^3

11. 81

12. 216

13. 8

14. 343

15. 125

16. 49

17. 729

18. 512

19. 27

20. 25