



Rewrite the number as a multiplication problem.

- 1) 9^4
- 2) 4^2
- 3) 4^3
- 4) 6^3
- 5) 8^3

Rewrite the multiplication problem in exponential notation.

- 6) $4 \times 4 \times 4 \times 4 \times 4$
- 7) 9×9
- 8) 4×4
- 9) $3 \times 3 \times 3 \times 3$
- 10) $5 \times 5 \times 5 \times 5 \times 5$

Solve the problems.

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

1. $9 \times 9 \times 9 \times 9$
2. 4×4
3. $4 \times 4 \times 4$
4. $6 \times 6 \times 6$
5. $8 \times 8 \times 8$
6. 4^5
7. 9^2
8. 4^2
9. 3^4
10. 5^5
11. 4
12. 512
13. 729
14. 36
15. 216
16. 64
17. 25
18. 8
19. 27
20. 49