



Answers

Rewrite the number as a multiplication problem.

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

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

Rewrite the multiplication problem in exponential notation.

- 6) $2 \times 2 \times 2$
- 7) $5 \times 5 \times 5 \times 5 \times 5$
- 8) $3 \times 3 \times 3$
- 9) $9 \times 9 \times 9 \times 9 \times 9$
- 10) $8 \times 8 \times 8$

- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____

Solve the problems.

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

- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____

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Answers

1. $6 \times 6 \times 6 \times 6$
2. $2 \times 2 \times 2$
3. $3 \times 3 \times 3 \times 3 \times 3$
4. $3 \times 3 \times 3$
5. $3 \times 3 \times 3 \times 3$
6. 2^3
7. 5^5
8. 3^3
9. 9^5
10. 8^3
11. 729
12. 512
13. 27
14. 25
15. 16
16. 81
17. 9
18. 49
19. 4
20. 8