



Rewrite the number as a multiplication problem.

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

Rewrite the multiplication problem in exponential notation.

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

Solve the problems.

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

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
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Answers

- 1. 5×5
- 2. $5 \times 5 \times 5 \times 5 \times 5$
- 3. $8 \times 8 \times 8 \times 8 \times 8$
- 4. $9 \times 9 \times 9 \times 9$
- 5. $4 \times 4 \times 4 \times 4$
- 6. 5^4
- 7. 4^3
- 8. 6^2
- 9. 4^4
- 10. 4^5
- 11. 4
- 12. 343
- 13. 36
- 14. 729
- 15. 16
- 16. 216
- 17. 49
- 18. 512
- 19. 64
- 20. 64