



Rewrite the number as a multiplication problem.

- 1) 8^5
- 2) 7^2
- 3) 5^3
- 4) 5^5
- 5) 4^4

Rewrite the multiplication problem in exponential notation.

- 6) $7 \cdot 7 \cdot 7$
- 7) $7 \cdot 7$
- 8) $5 \cdot 5 \cdot 5 \cdot 5$
- 9) $8 \cdot 8 \cdot 8 \cdot 8 \cdot 8$
- 10) $7 \cdot 7 \cdot 7 \cdot 7$

Solve the problems.

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

Answers

- 1. $8 \cdot 8 \cdot 8 \cdot 8 \cdot 8$
- 2. $7 \cdot 7$
- 3. $5 \cdot 5 \cdot 5$
- 4. $5 \cdot 5 \cdot 5 \cdot 5 \cdot 5$
- 5. $4 \cdot 4 \cdot 4 \cdot 4$
- 6. 7^3
- 7. 7^2
- 8. 5^4
- 9. 8^5
- 10. 7^4
- 11. 8
- 12. 125
- 13. 25
- 14. 27
- 15. 64
- 16. 64
- 17. 343
- 18. 36
- 19. 4
- 20. 729