



Rewrite the number as a multiplication problem.

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

Rewrite the multiplication problem in exponential notation.

- 6) $8 \cdot 8 \cdot 8 \cdot 8$
- 7) $2 \cdot 2 \cdot 2$
- 8) $8 \cdot 8 \cdot 8 \cdot 8 \cdot 8$
- 9) $3 \cdot 3$
- 10) $4 \cdot 4 \cdot 4$

Solve the problems.

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

Answers

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____
- 7. _____
- 8. _____
- 9. _____
- 10. _____
- 11. _____
- 12. _____
- 13. _____
- 14. _____
- 15. _____
- 16. _____
- 17. _____
- 18. _____
- 19. _____
- 20. _____



Rewrite the number as a multiplication problem.

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

Rewrite the multiplication problem in exponential notation.

- 6) $8 \cdot 8 \cdot 8 \cdot 8$
- 7) $2 \cdot 2 \cdot 2$
- 8) $8 \cdot 8 \cdot 8 \cdot 8 \cdot 8$
- 9) $3 \cdot 3$
- 10) $4 \cdot 4 \cdot 4$

Solve the problems.

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

Answers

- 1. 8•8•8
- 2. 3•3•3•3
- 3. 3•3•3•3•3
- 4. 6•6
- 5. 3•3
- 6. 8⁴
- 7. 2³
- 8. 8⁵
- 9. 3²
- 10. 4³
- 11. 25
- 12. 512
- 13. 8
- 14. 36
- 15. 16
- 16. 729
- 17. 64
- 18. 125
- 19. 64
- 20. 9