



Rewrite the number as a multiplication problem.

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

Rewrite the multiplication problem in exponential notation.

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

Solve the problems.

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

2) 3^3

3) 8^4

4) 9^3

5) 6^3

Rewrite the multiplication problem in exponential notation.

6) 9×9

7) $6 \times 6 \times 6 \times 6$

8) 2×2

9) 6×6

10) 3×3

Solve the problems.

11) 3^3

12) 3^2

13) 7^3

14) 2^3

15) 4^3

16) What is 6 to the power of three?

17) What is 8 to the power of two?

18) What is 5 to the power of three?

19) What is 2 to the power of two?

20) What is 6 to the power of two?

Answers

1. $9 \times 9 \times 9 \times 9 \times 9$

2. $3 \times 3 \times 3$

3. $8 \times 8 \times 8 \times 8$

4. $9 \times 9 \times 9$

5. $6 \times 6 \times 6$

6. 9^2

7. 6^4

8. 2^2

9. 6^2

10. 3^2

11. 27

12. 9

13. 343

14. 8

15. 64

16. 216

17. 64

18. 125

19. 4

20. 36