



Rewrite the number as a multiplication problem.

1) 4^4

2) 8^2

3) 3^3

4) 3^2

5) 8^3

Rewrite the multiplication problem in exponential notation.

6) 7×7

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

8) $8 \times 8 \times 8$

9) 5×5

10) $9 \times 9 \times 9$

Solve the problems.

11) 2^2

12) 3^2

13) 4^2

14) 5^2

15) 4^3

16) What is 7 cubed?

17) What is 6 to the power of three?

18) What is 3 to the power of three?

19) What is 6 squared?

20) What is 8 cubed?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



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Answers

- 1. $4 \times 4 \times 4 \times 4$
- 2. 8×8
- 3. $3 \times 3 \times 3$
- 4. 3×3
- 5. $8 \times 8 \times 8$
- 6. 7^2
- 7. 7^4
- 8. 8^3
- 9. 5^2
- 10. 9^3
- 11. 4
- 12. 9
- 13. 16
- 14. 25
- 15. 64
- 16. 343
- 17. 216
- 18. 27
- 19. 36
- 20. 512