



Rewrite the number as a multiplication problem.

1) 3^4

2) 6^3

3) 2^2

4) 4^3

5) 2^3

Rewrite the multiplication problem in exponential notation.

6) $4 \times 4 \times 4$

7) $9 \times 9 \times 9 \times 9$

8) $8 \times 8 \times 8 \times 8$

9) $8 \times 8 \times 8 \times 8 \times 8$

10) $5 \times 5 \times 5 \times 5$

Solve the problem.

11) 2^3

12) 9^3

13) 2^2

14) 7^2

15) 4^3

16) What is 6 to the power of three?

17) What is 8 to the power of two?

18) What is 3 cubed?

19) What is 2 squared?

20) What is 2 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. $3 \times 3 \times 3 \times 3$

2. $6 \times 6 \times 6$

3. 2×2

4. $4 \times 4 \times 4$

5. $2 \times 2 \times 2$

6. 4^3

7. 9^4

8. 8^4

9. 8^5

10. 5^4

11. 8

12. 729

13. 4

14. 49

15. 64

16. 216

17. 64

18. 27

19. 4

20. 8