



Rewrite the number as a multiplication problem.

1) 8^4

2) 3^4

3) 3^2

4) 9^5

5) 3^3

Rewrite the multiplication problem in exponential notation.

6) 2×2

7) $4 \times 4 \times 4$

8) $2 \times 2 \times 2$

9) $3 \times 3 \times 3$

10) $3 \times 3 \times 3 \times 3$

Solve the problem.

11) 4^3

12) 7^3

13) 4^2

14) 6^3

15) 6^2

16) What is 8 cubed?

17) What is 9 to the power of two?

18) What is 2 squared?

19) What is 9 to the power of three?

20) What is 5 to the power of two?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

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16. _____

17. _____

18. _____

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Answers

1. $8 \times 8 \times 8 \times 8$

2. $3 \times 3 \times 3 \times 3$

3. 3×3

4. $9 \times 9 \times 9 \times 9 \times 9$

5. $3 \times 3 \times 3$

6. 2^2

7. 4^3

8. 2^3

9. 3^3

10. 3^4

11. 64

12. 343

13. 16

14. 216

15. 36

16. 512

17. 81

18. 4

19. 729

20. 25