



Rewrite the number as a multiplication problem.

1) 8^4

2) 2^2

3) 8^2

4) 6^2

5) 4^4

Rewrite the multiplication problem in exponential notation.

6) 8×8

7) $4 \times 4 \times 4 \times 4$

8) 4×4

9) 6×6

10) $7 \times 7 \times 7 \times 7$

Solve the problem.

11) 3^2

12) 5^2

13) 9^2

14) 3^3

15) 4^3

16) What is 2 to the power of two?

17) What is 6 to the power of three?

18) What is 7 squared?

19) What is 3 squared?

20) What is 4 cubed?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

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15. _____

16. _____

17. _____

18. _____

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Answers

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

2. 2×2

3. 8×8

4. 6×6

5. $4 \times 4 \times 4 \times 4$

6. 8^2

7. 4^4

8. 4^2

9. 6^2

10. 7^4

11. 9

12. 25

13. 81

14. 27

15. 64

16. 4

17. 216

18. 49

19. 9

20. 64