

**Answers****Rewrite the number as a multiplication problem.**

1) 2^4

2) 3^4

3) 2^3

4) 6^2

5) 2^5

Rewrite the multiplication problem in exponential notation.

6) $4 \times 4 \times 4$

7) 9×9

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

9) $3 \times 3 \times 3$

10) 6×6

Solve the problem.

11) 9^2

12) 3^2

13) 8^2

14) 2^2

15) 5^3

16) What is 6 to the power of two?

17) What is 5 to the power of two?

18) What is 7 to the power of two?

19) What is 4 cubed?

20) What is 7 cubed?

1. _____

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Answers

1. $2 \times 2 \times 2 \times 2$

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

3. $2 \times 2 \times 2$

4. 6×6

5. $2 \times 2 \times 2 \times 2 \times 2$

6. 4^3

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8. 9^5

9. 3^3

10. 6^2

11. 81

12. 9

13. 64

14. 4

15. 125

16. 36

17. 25

18. 49

19. 64

20. 343