

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

1) 2^2

2) 9^3

3) 7^4

4) 4^4

5) 4^3

Rewrite the multiplication problem in exponential notation.

6) 2×2

7) $8 \times 8 \times 8 \times 8$

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

9) $5 \times 5 \times 5 \times 5$

10) 7×7

Solve the problem.

11) 2^2

12) 7^3

13) 5^3

14) 6^3

15) 3^3

16) What is 8 cubed?

17) What is 5 to the power of two?

18) What is 5 to the power of three?

19) What is 6 to the power of three?

20) What is 4 cubed?

1. _____

2. _____

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Answers

1. 2×2

2. $9 \times 9 \times 9$

3. $7 \times 7 \times 7 \times 7$

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

5. $4 \times 4 \times 4$

6. 2^2

7. 8^4

8. 9^5

9. 5^4

10. 7^2

11. 4

12. 343

13. 125

14. 216

15. 27

16. 512

17. 25

18. 125

19. 216

20. 64