

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

1) 9^2

2) 7^3

3) 3^3

4) 2^2

5) 3^5

Rewrite the multiplication problem in exponential notation.

6) $4 \times 4 \times 4$

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

8) $4 \times 4 \times 4 \times 4$

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

10) $5 \times 5 \times 5$

Solve the problem.

11) 7^2

12) 6^3

13) 2^2

14) 4^2

15) 4^3

16) What is 7 cubed?

17) What is 8 to the power of two?

18) What is 5 cubed?

19) What is 6 cubed?

20) What is 4 to the power of three?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

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Answers

1. 9×9

2. $7 \times 7 \times 7$

3. $3 \times 3 \times 3$

4. 2×2

5. $3 \times 3 \times 3 \times 3 \times 3$

6. 4^3

7. 4^5

8. 4^4

9. 5^4

10. 5^3

11. 49

12. 216

13. 4

14. 16

15. 64

16. 343

17. 64

18. 125

19. 216

20. 64