

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

1) 9^4

2) 6^4

3) 2^5

4) 9^5

5) 8^5

Rewrite the multiplication problem in exponential notation.

6) 2×2

7) $9 \times 9 \times 9 \times 9$

8) 5×5

9) $5 \times 5 \times 5$

10) $5 \times 5 \times 5 \times 5 \times 5$

Solve the problem.

11) $3 \times 3 \times 3$

12) 9^2

13) 2^3

14) 5^2

15) 9^3

16) 8^2

17) 3^3

18) What is 7 to the power of three?

19) What is 4 cubed?

20) What is 9 to the power of three?

1. _____

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Answers

1. $9 \times 9 \times 9 \times 9$

2. $6 \times 6 \times 6 \times 6$

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

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

5. $8 \times 8 \times 8 \times 8 \times 8$

6. 2^2

7. 9^4

8. 5^2

9. 5^3

10. 5^5

11. 3^3

12. 81

13. 8

14. 25

15. 729

16. 64

17. 27

18. 343

19. 64

20. 729