

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

1) 5^2

2) 9^5

3) 9^3

4) 7^4

5) 7^5

Rewrite the multiplication problem in exponential notation.

6) 7×7

7) $5 \times 5 \times 5$

8) 9×9

9) $4 \times 4 \times 4 \times 4$

10) $6 \times 6 \times 6$

Solve the problem.

11) 3^2

12) 2^2

13) 2^3

14) 9^2

15) 5^3

16) What is 6 squared?

17) What is 9 cubed?

18) What is 3 to the power of two?

19) What is 5 cubed?

20) What is 2 to the power of three?

1. _____

2. _____

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Answers

1. 5×5

2. $9 \times 9 \times 9 \times 9 \times 9$

3. $9 \times 9 \times 9$

4. $7 \times 7 \times 7 \times 7$

5. $7 \times 7 \times 7 \times 7 \times 7$

6. 7^2

7. 5^3

8. 9^2

9. 4^4

10. 6^3

11. 9

12. 4

13. 8

14. 81

15. 125

16. 36

17. 729

18. 9

19. 125

20. 8