

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

1) 8^3

2) 6^2

3) 8^4

4) 9^4

5) 3^4

Rewrite the multiplication problem in exponential notation.

6) $9 \times 9 \times 9$

7) $3 \times 3 \times 3 \times 3$

8) $5 \times 5 \times 5 \times 5$

9) 9×9

10) $6 \times 6 \times 6 \times 6 \times 6$

Solve the problem.

11) 3^3

12) 5^3

13) 9^2

14) 8^3

15) 4^2

16) What is 7 cubed?

17) What is 6 squared?

18) What is 7 squared?

19) What is 9 cubed?

20) What is 3 to the power of two?

1. _____

2. _____

3. _____

4. _____

5. _____

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7. _____

8. _____

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Answers

1. $8 \times 8 \times 8$

2. 6×6

3. $8 \times 8 \times 8 \times 8$

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

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

6. 9^3

7. 3^4

8. 5^4

9. 9^2

10. 6^5

11. 27

12. 125

13. 81

14. 512

15. 16

16. 343

17. 36

18. 49

19. 729

20. 9