

**Answers****Rewrite the number as a multiplication problem.**1) 8^4 1. _____2) 5^2 2. _____3) 3^4 3. _____4) 7^4 4. _____5) 9^2 5. _____**Rewrite the multiplication problem in exponential notation.**6) 5×5 6. _____7) $3 \times 3 \times 3 \times 3$ 7. _____8) $5 \times 5 \times 5$ 8. _____9) $8 \times 8 \times 8 \times 8$ 9. _____10) $4 \times 4 \times 4$ 10. _____**Solve the problem.**11) 6^3 11. _____12) 3^3 12. _____13) 8^3 13. _____14) 2^2 14. _____15) 8^2 15. _____

16) What is 5 to the power of three? 16. _____

17) What is 8 cubed? 17. _____

18) What is 6 to the power of three? 18. _____

19) What is 3 to the power of three? 19. _____

20) What is 5 squared? 20. _____



Rewrite the number as a multiplication problem.

1) 8^4

2) 5^2

3) 3^4

4) 7^4

5) 9^2

Rewrite the multiplication problem in exponential notation.

6) 5×5

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

8) $5 \times 5 \times 5$

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

10) $4 \times 4 \times 4$

Solve the problem.

11) 6^3

12) 3^3

13) 8^3

14) 2^2

15) 8^2

16) What is 5 to the power of three?

17) What is 8 cubed?

18) What is 6 to the power of three?

19) What is 3 to the power of three?

20) What is 5 squared?

Answers

1. $8 \times 8 \times 8 \times 8$

2. 5×5

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

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

5. 9×9

6. 5^2

7. 3^4

8. 5^3

9. 8^4

10. 4^3

11. 216

12. 27

13. 512

14. 4

15. 64

16. 125

17. 512

18. 216

19. 27

20. 25