

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

1) 2^3

2) 5^5

3) 8^4

4) 9^4

5) 3^2

Rewrite the multiplication problem in exponential notation.

6) $9 \times 9 \times 9$

7) $2 \times 2 \times 2 \times 2 \times 2$

8) $8 \times 8 \times 8$

9) 8×8

10) $5 \times 5 \times 5$

Solve the problem.

11) 7^2

12) 2^2

13) 4^3

14) 5^3

15) 6^3

16) What is 4 to the power of two?

17) What is 9 to the power of two?

18) What is 2 to the power of three?

19) What is 7 cubed?

20) What is 2 squared?

1. _____

2. _____

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Answers

1. $2 \times 2 \times 2$

2. $5 \times 5 \times 5 \times 5 \times 5$

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

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

5. 3×3

6. 9^3

7. 2^5

8. 8^3

9. 8^2

10. 5^3

11. 49

12. 4

13. 64

14. 125

15. 216

16. 16

17. 81

18. 8

19. 343

20. 4