

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

1) 2^3

2) 8^5

3) 4^2

4) 3^3

5) 9^4

Rewrite the multiplication problem in exponential notation.

6) $8 \times 8 \times 8$

7) 8×8

8) 9×9

9) $3 \times 3 \times 3$

10) $2 \times 2 \times 2 \times 2$

Solve the problem.

11) 7^2

12) 6^2

13) 9^3

14) 8^3

15) 5^3

16) What is 2 cubed?

17) What is 3 to the power of three?

18) What is 4 to the power of two?

19) What is 2 squared?

20) What is 5 cubed?

1. _____

2. _____

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Answers

1. $2 \times 2 \times 2$

2. $8 \times 8 \times 8 \times 8 \times 8$

3. 4×4

4. $3 \times 3 \times 3$

5. $9 \times 9 \times 9 \times 9$

6. 8^3

7. 8^2

8. 9^2

9. 3^3

10. 2^4

11. 49

12. 36

13. 729

14. 512

15. 125

16. 8

17. 27

18. 16

19. 4

20. 125