

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

1) 6^5

2) 2^3

3) 8^3

4) 2^2

5) 9^5

Rewrite the multiplication problem in exponential notation.

6) $3 \times 3 \times 3$

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

8) 3×3

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

10) 2×2

Solve the problem.

11) $2 \times 2 \times 2 \times 2 \times 2$

12) 5^3

13) 5^2

14) 4^2

15) 4^3

16) 8^2

17) 3^3

18) What is 3 to the power of three?

19) What is 6 cubed?

20) What is 8 to the power of three?

1. _____

2. _____

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Answers

1. $6 \times 6 \times 6 \times 6 \times 6$

2. $2 \times 2 \times 2$

3. $8 \times 8 \times 8$

4. 2×2

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

6. 3^3

7. 3^4

8. 3^2

9. 9^5

10. 2^2

11. 2^5

12. 125

13. 25

14. 16

15. 64

16. 64

17. 27

18. 27

19. 216

20. 512