

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

1) 3^2

2) 5^4

3) 7^4

4) 5^2

5) 2^5

Rewrite the multiplication problem in exponential notation.

6) $3 \times 3 \times 3 \times 3 \times 3$

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

8) $6 \times 6 \times 6$

9) 7×7

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

Solve the problem.

11) $8 \times 8 \times 8 \times 8 \times 8$

12) 5^2

13) 8^3

14) 3^3

15) 5^3

16) 4^2

17) 3^2

18) What is 2 to the power of two?

19) What is 5 cubed?

20) What is 8 squared?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

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Answers

1. 3×3

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

3. $7 \times 7 \times 7 \times 7$

4. 5×5

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

6. 3^5

7. 2^4

8. 6^3

9. 7^2

10. 6^4

11. 8^5

12. 25

13. 512

14. 27

15. 125

16. 16

17. 9

18. 4

19. 125

20. 64