

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

1) 3^5

2) 7^4

3) 6^4

4) 4^4

5) 8^5

Rewrite the multiplication problem in exponential notation.

6) $4 \times 4 \times 4$

7) $3 \times 3 \times 3$

8) $4 \times 4 \times 4 \times 4$

9) $3 \times 3 \times 3 \times 3$

10) 7×7

Solve the problem.

11) 5^2

12) 9^2

13) 6^2

14) 6^3

15) 7^3

16) What is 3 cubed?

17) What is 9 squared?

18) What is 6 squared?

19) What is 9 cubed?

20) What is 6 cubed?

1. _____

2. _____

3. _____

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5. _____

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11. _____

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Answers

1. $3 \times 3 \times 3 \times 3 \times 3$

2. $7 \times 7 \times 7 \times 7$

3. $6 \times 6 \times 6 \times 6$

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

5. $8 \times 8 \times 8 \times 8 \times 8$

6. 4^3

7. 3^3

8. 4^4

9. 3^4

10. 7^2

11. 25

12. 81

13. 36

14. 216

15. 343

16. 27

17. 81

18. 36

19. 729

20. 216