

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

1) 5^5

2) 9^5

3) 2^5

4) 4^2

5) 4^4

Rewrite the multiplication problem in exponential notation.

6) $9 \times 9 \times 9$

7) $5 \times 5 \times 5$

8) $6 \times 6 \times 6 \times 6 \times 6$

9) $5 \times 5 \times 5 \times 5$

10) 6×6

Solve the problem.

11) $3 \times 3 \times 3 \times 3 \times 3$

12) 8^2

13) 7^2

14) 5^3

15) 5^2

16) 2^3

17) 8^3

18) What is 9 cubed?

19) What is 7 squared?

20) What is 8 to the power of two?

1. _____

2. _____

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Answers

1. $5 \times 5 \times 5 \times 5 \times 5$

2. $9 \times 9 \times 9 \times 9 \times 9$

3. $2 \times 2 \times 2 \times 2 \times 2$

4. 4×4

5. $4 \times 4 \times 4 \times 4$

6. 9^3

7. 5^3

8. 6^5

9. 5^4

10. 6^2

11. 3^5

12. 64

13. 49

14. 125

15. 25

16. 8

17. 512

18. 729

19. 49

20. 64