

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

1) 5^3

2) 7^2

3) 9^2

4) 4^3

5) 7^3

Rewrite the multiplication problem in exponential notation.

6) $5 \times 5 \times 5 \times 5$

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

8) $6 \times 6 \times 6$

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

10) $5 \times 5 \times 5 \times 5 \times 5$

Solve the problem.

11) 9^3

12) 3^3

13) 9^2

14) 6^3

15) 2^3

16) What is 8 to the power of three?

17) What is 9 squared?

18) What is 9 cubed?

19) What is 2 squared?

20) What is 6 squared?

1. _____

2. _____

3. _____

4. _____

5. _____

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7. _____

8. _____

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Answers

1. $5 \times 5 \times 5$

2. 7×7

3. 9×9

4. $4 \times 4 \times 4$

5. $7 \times 7 \times 7$

6. 5^4

7. 7^4

8. 6^3

9. 3^5

10. 5^5

11. 729

12. 27

13. 81

14. 216

15. 8

16. 512

17. 81

18. 729

19. 4

20. 36