

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

1) 2^2

2) 3^3

3) 7^5

4) 4^5

5) 6^2

Rewrite the multiplication problem in exponential notation.

6) $4 \times 4 \times 4$

7) $8 \times 8 \times 8$

8) $7 \times 7 \times 7 \times 7 \times 7$

9) 9×9

10) $3 \times 3 \times 3 \times 3 \times 3$

Solve the problem.

11) 3^2

12) 3^3

13) 2^2

14) 7^3

15) 9^2

16) What is 3 to the power of three?

17) What is 7 to the power of two?

18) What is 6 squared?

19) What is 7 to the power of three?

20) What is 3 to the power of two?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

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11. _____

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Answers

1. 2×2

2. $3 \times 3 \times 3$

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

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

5. 6×6

6. 4^3

7. 8^3

8. 7^5

9. 9^2

10. 3^5

11. 9

12. 27

13. 4

14. 343

15. 81

16. 27

17. 49

18. 36

19. 343

20. 9