

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

1) 5^5

2) 5^4

3) 8^5

4) 3^5

5) 6^5

Rewrite the multiplication problem in exponential notation.

6) $6 \times 6 \times 6$

7) $5 \times 5 \times 5 \times 5 \times 5$

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

9) $2 \times 2 \times 2$

10) 8×8

Solve the problem.

11) $4 \times 4 \times 4 \times 4$

12) 3^3

13) 3^2

14) 8^3

15) 8^2

16) 6^3

17) 7^2

18) What is 9 to the power of two?

19) What is 4 to the power of two?

20) What is 7 squared?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____



Rewrite the number as a multiplication problem.

1) 5^5

2) 5^4

3) 8^5

4) 3^5

5) 6^5

Rewrite the multiplication problem in exponential notation.

6) $6 \times 6 \times 6$

7) $5 \times 5 \times 5 \times 5 \times 5$

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

9) $2 \times 2 \times 2$

10) 8×8

Solve the problem.

11) $4 \times 4 \times 4 \times 4$

12) 3^3

13) 3^2

14) 8^3

15) 8^2

16) 6^3

17) 7^2

18) What is 9 to the power of two?

19) What is 4 to the power of two?

20) What is 7 squared?

Answers

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

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

3. $8 \times 8 \times 8 \times 8 \times 8$

4. $3 \times 3 \times 3 \times 3 \times 3$

5. $6 \times 6 \times 6 \times 6 \times 6$

6. 6^3

7. 5^5

8. 8^4

9. 2^3

10. 8^2

11. 4^4

12. 27

13. 9

14. 512

15. 64

16. 216

17. 49

18. 81

19. 16

20. 49