



Rewrite the number as a multiplication problem.

1) 2^3

2) 4^5

3) 6^5

4) 3^3

5) 9^2

Rewrite the multiplication problem in exponential notation.

6) $3 \times 3 \times 3 \times 3 \times 3$

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

8) $9 \times 9 \times 9 \times 9 \times 9$

9) $2 \times 2 \times 2$

10) $4 \times 4 \times 4$

Solve the problem.

11) 6^3

12) 7^2

13) 8^3

14) 3^2

15) 5^2

16) What is 9 cubed?

17) What is 8 squared?

18) What is 9 to the power of two?

19) What is 5 cubed?

20) What is 6 to the power of three?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

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19. _____

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Answers

1. $2 \times 2 \times 2$

2. $4 \times 4 \times 4 \times 4 \times 4$

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

4. $3 \times 3 \times 3$

5. 9×9

6. 3^5

7. 8^4

8. 9^5

9. 2^3

10. 4^3

11. 216

12. 49

13. 512

14. 9

15. 25

16. 729

17. 64

18. 81

19. 125

20. 216