



Rewrite the number as a multiplication problem.

1) 3^5

2) 7^2

3) 3^2

4) 4^5

5) 9^3

Rewrite the multiplication problem in exponential notation.

6) $6 \times 6 \times 6$

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

8) $2 \times 2 \times 2 \times 2$

9) $3 \times 3 \times 3$

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

Solve the problem.

11) 4^2

12) 9^2

13) 3^3

14) 2^3

15) 9^3

16) What is 6 squared?

17) What is 8 cubed?

18) What is 5 squared?

19) What is 7 cubed?

20) What is 8 squared?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

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Answers

1. $3 \times 3 \times 3 \times 3 \times 3$

2. 7×7

3. 3×3

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

5. $9 \times 9 \times 9$

6. 6^3

7. 8^5

8. 2^4

9. 3^3

10. 3^4

11. 16

12. 81

13. 27

14. 8

15. 729

16. 36

17. 512

18. 25

19. 343

20. 64