



Rewrite the number as a multiplication problem.

1) 9^5

2) 9^3

3) 8^5

4) 3^3

5) 3^4

Rewrite the multiplication problem in exponential notation.

6) $2 \times 2 \times 2 \times 2 \times 2$

7) $4 \times 4 \times 4$

8) $8 \times 8 \times 8$

9) 4×4

10) $8 \times 8 \times 8 \times 8 \times 8$

Solve the problems.

11) 6^2

12) 4^2

13) 9^2

14) 5^3

15) 2^2

16) What is 3 to the power of three?

17) What is 7 squared?

18) What is 2 to the power of three?

19) What is 5 squared?

20) What is 3 squared?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

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Answers

1. $9 \times 9 \times 9 \times 9 \times 9$

2. $9 \times 9 \times 9$

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

4. $3 \times 3 \times 3$

5. $3 \times 3 \times 3 \times 3$

6. 2^5

7. 4^3

8. 8^3

9. 4^2

10. 8^5

11. 36

12. 16

13. 81

14. 125

15. 4

16. 27

17. 49

18. 8

19. 25

20. 9