



Rewrite the number as a multiplication problem.

- 1) 7^3
- 2) 9^4
- 3) 6^3
- 4) 9^2
- 5) 2^3

Rewrite the multiplication problem in exponential notation.

- 6) $9 \times 9 \times 9 \times 9 \times 9$
- 7) $7 \times 7 \times 7 \times 7$
- 8) 8×8
- 9) $8 \times 8 \times 8$
- 10) $4 \times 4 \times 4 \times 4 \times 4$

Solve the problems.

- 11) 6^2
- 12) 9^2
- 13) 8^2
- 14) 8^3
- 15) 5^2
- 16) What is 4 to the power of two?
- 17) What is 7 cubed?
- 18) What is 2 to the power of three?
- 19) What is 5 to the power of three?
- 20) What is 4 cubed?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
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Answers

1. $7 \times 7 \times 7$
2. $9 \times 9 \times 9 \times 9$
3. $6 \times 6 \times 6$
4. 9×9
5. $2 \times 2 \times 2$
6. 9^5
7. 7^4
8. 8^2
9. 8^3
10. 4^5
11. 36
12. 81
13. 64
14. 512
15. 25
16. 16
17. 343
18. 8
19. 125
20. 64