Rewrite the number as a multiplication problem.

1) 8^4

2) 5^2

3) 3^4

4) 7^4

5) 9^2

Rewrite the multiplication problem in exponential notation.

6) 5×5

7) 3×3×3×3

8) 5×5×5

9) 8×8×8×8

10) 4×4×4

Solve the problem.

11) 6^3

12) 3^3

13) 8^3

14) 2^2

15) 8^2

16) What is 5 to the power of three?

17) What is 8 cubed?

18) What is 6 to the power of three?

19) What is 3 to the power of three?

20) What is 5 squared?

Answers

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

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0

Name: **Answer Key**

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Answers

1. **8×8×8×8**
2. **5×5**
3. **3×3×3×3**
4. **7×7×7×7**
5. **9×9**
6. **5^2**
7. **3^4**
8. **5^3**
9. **8^4**
10. **4^3**
11. **216**
12. **27**
13. **512**
14. **4**
15. **64**
16. **125**
17. **512**
18. **216**
19. **27**
20. **25**

1-10	95	90	85	80	75	70	65	60	55	50
11-20	45	40	35	30	25	20	15	10	5	0