

**Answers****Rewrite the number as a multiplication problem.**

1) 5^5

2) 5^3

3) 4^3

4) 8^4

5) 6^2

Rewrite the multiplication problem in exponential notation.

6) $7 \times 7 \times 7 \times 7 \times 7$

7) 7×7

8) $4 \times 4 \times 4 \times 4$

9) 2×2

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

Solve the problem.

11) $6 \times 6 \times 6$

12) 2^2

13) 8^3

14) 3^3

15) 2^3

16) 4^3

17) 5^3

18) What is 6 squared?

19) What is 5 squared?

20) What is 3 to the power of three?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

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Answers

1. $5 \times 5 \times 5 \times 5 \times 5$

2. $5 \times 5 \times 5$

3. $4 \times 4 \times 4$

4. $8 \times 8 \times 8 \times 8$

5. 6×6

6. 7^5

7. 7^2

8. 4^4

9. 2^2

10. 8^4

11. 6^3

12. 4

13. 512

14. 27

15. 8

16. 64

17. 125

18. 36

19. 25

20. 27