

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

1) 2^3

2) 6^5

3) 8^2

4) 7^3

5) 4^4

Rewrite the multiplication problem in exponential notation.

6) 8×8

7) $2 \times 2 \times 2 \times 2 \times 2$

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

9) $4 \times 4 \times 4$

10) $6 \times 6 \times 6 \times 6 \times 6$

Solve the problem.

11) 3^3

12) 6^3

13) 7^2

14) 6^2

15) 8^2

16) What is 4 cubed?

17) What is 9 squared?

18) What is 2 cubed?

19) What is 3 squared?

20) What is 9 to the power of three?

1. _____

2. _____

3. _____

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8. _____

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Answers

1. $2 \times 2 \times 2$

2. $6 \times 6 \times 6 \times 6 \times 6$

3. 8×8

4. $7 \times 7 \times 7$

5. $4 \times 4 \times 4 \times 4$

6. 8^2

7. 2^5

8. 8^4

9. 4^3

10. 6^5

11. 27

12. 216

13. 49

14. 36

15. 64

16. 64

17. 81

18. 8

19. 9

20. 729