

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

1)  $5^2$

2)  $9^5$

3)  $9^3$

4)  $7^4$

5)  $7^5$

**Rewrite the multiplication problem in exponential notation.**

6)  $7 \times 7$

7)  $5 \times 5 \times 5$

8)  $9 \times 9$

9)  $4 \times 4 \times 4 \times 4$

10)  $6 \times 6 \times 6$

**Solve the problem.**

11)  $3^2$

12)  $2^2$

13)  $2^3$

14)  $9^2$

15)  $5^3$

16) What is 6 squared?

17) What is 9 cubed?

18) What is 3 to the power of two?

19) What is 5 cubed?

20) What is 2 to the power of three?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_

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12. \_\_\_\_\_

13. \_\_\_\_\_

14. \_\_\_\_\_

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**Answers**

1.  $5 \times 5$

2.  $9 \times 9 \times 9 \times 9 \times 9$

3.  $9 \times 9 \times 9$

4.  $7 \times 7 \times 7 \times 7$

5.  $7 \times 7 \times 7 \times 7 \times 7$

6.  $7^2$

7.  $5^3$

8.  $9^2$

9.  $4^4$

10.  $6^3$

11.  $9$

12.  $4$

13.  $8$

14.  $81$

15.  $125$

16.  $36$

17.  $729$

18.  $9$

19.  $125$

20.  $8$