

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

1)  $3^5$

2)  $7^2$

3)  $3^2$

4)  $4^5$

5)  $9^3$

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

6)  $6 \times 6 \times 6$

7)  $8 \times 8 \times 8 \times 8 \times 8$

8)  $2 \times 2 \times 2 \times 2$

9)  $3 \times 3 \times 3$

10)  $3 \times 3 \times 3 \times 3$

**Solve the problem.**

11)  $4^2$

12)  $9^2$

13)  $3^3$

14)  $6^2$

15)  $9^3$

16) What is 6 squared?

17) What is 8 cubed?

18) What is 5 squared?

19) What is 7 squared?

20) What is 8 squared?

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

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

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

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

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

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

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

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

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

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

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

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

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**Answers**

1.  $3 \times 3 \times 3 \times 3 \times 3$

2.  $7 \times 7$

3.  $3 \times 3$

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

5.  $9 \times 9 \times 9$

6.  $6^3$

7.  $8^5$

8.  $2^4$

9.  $3^3$

10.  $3^4$

11.  $16$

12.  $81$

13.  $27$

14.  $36$

15.  $729$

16.  $36$

17.  $512$

18.  $25$

19.  $49$

20.  $64$