

Exponents

Write each multiplication as a power.

Name _____ Date _____

1. $10 \times 10 \times 10 \times 10 \times 10 =$ _____ 2. $9 \times 9 \times 9 =$ _____

3. $13 \times 13 =$ _____ 4. $11 \times 11 =$ _____

5. $2 \times 2 \times 2 \times 2 =$ _____ 6. $3 \times 3 \times 3 \times 3 \times 3 =$ _____

7. $14 \times 14 =$ _____ 8. $2 \times 2 \times 2 =$ _____

9. $2 \times 2 \times 2 \times 2 \times 2 =$ _____ 10. $2 \times 2 =$ _____

11. $7 \times 7 =$ _____ 12. $4 \times 4 =$ _____

13. $6 \times 6 =$ _____ 14. $3 \times 3 \times 3 =$ _____

15. $9 \times 9 =$ _____ 16. $5 \times 5 \times 5 =$ _____

17. $8 \times 8 \times 8 =$ _____ 18. $15 \times 15 =$ _____

19. $7 \times 7 \times 7 =$ _____ 20. $10 \times 10 \times 10 =$ _____

Exponents: answer key

Each question worked out, the answer in colour.

1. $10 \times 10 \times 10 \times 10 \times 10 = 10^5$

2. $9 \times 9 \times 9 = 9^3$

3. $13 \times 13 = 13^2$

4. $11 \times 11 = 11^2$

5. $2 \times 2 \times 2 \times 2 = 2^4$

6. $3 \times 3 \times 3 \times 3 \times 3 = 3^5$

7. $14 \times 14 = 14^2$

8. $2 \times 2 \times 2 = 2^3$

9. $2 \times 2 \times 2 \times 2 \times 2 = 2^5$

10. $2 \times 2 = 2^2$

11. $7 \times 7 = 7^2$

12. $4 \times 4 = 4^2$

13. $6 \times 6 = 6^2$

14. $3 \times 3 \times 3 = 3^3$

15. $9 \times 9 = 9^2$

16. $5 \times 5 \times 5 = 5^3$

17. $8 \times 8 \times 8 = 8^3$

18. $15 \times 15 = 15^2$

19. $7 \times 7 \times 7 = 7^3$

20. $10 \times 10 \times 10 = 10^3$