

Name _____

Date _____ Grade _____

Exponents (simplifying exponents)

Express each exponent as a whole number.

1. $63^2 =$ _____ 2. $74^5 =$ _____

3. $33^0 =$ _____ 4. $66^0 =$ _____

5. $76^1 =$ _____ 6. $79^4 =$ _____

7. $71^5 =$ _____ 8. $39^5 =$ _____

9. $50^5 =$ _____ 10. $86^4 =$ _____

11. $97^5 =$ _____ 12. $98^4 =$ _____

13. $66^3 =$ _____ 14. $70^2 =$ _____

15. $2^4 =$ _____ 16. $52^4 =$ _____

17. $90^2 =$ _____ 18. $31^2 =$ _____

19. $18^0 =$ _____ 20. $16^0 =$ _____

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Exponents (simplifying exponents)

Express each exponent as a whole number.

1. $15^3 =$ _____ 2. $28^3 =$ _____

3. $17^2 =$ _____ 4. $15^2 =$ _____

5. $16^2 =$ _____ 6. $68^2 =$ _____

7. $85^1 =$ _____ 8. $10^5 =$ _____

9. $21^1 =$ _____ 10. $12^5 =$ _____

11. $30^1 =$ _____ 12. $25^2 =$ _____

13. $33^2 =$ _____ 14. $58^4 =$ _____

15. $11^3 =$ _____ 16. $98^2 =$ _____

17. $97^2 =$ _____ 18. $73^1 =$ _____

19. $55^5 =$ _____ 20. $52^4 =$ _____

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Answer Key

Page 1

- | | |
|---------------|--------------|
| 1. 33362176 | 2. 1 |
| 3. 6084 | 4. 130691232 |
| 5. 125000 | 6. 1 |
| 7. 601692057 | 8. 1 |
| 9. 8000 | 10. 98 |
| 11. 52 | 12. 456533 |
| 13. 844596301 | 14. 5476 |
| 15. 3111696 | 16. 44 |
| 17. 3375 | 18. 1 |
| 19. 300763 | 20. 71 |

Page 2

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|-------------|----------------|
| 1. 1 | 2. 46656 |
| 3. 148877 | 4. 4225 |
| 5. 9409 | 6. 493039 |
| 7. 21 | 8. 1 |
| 9. 1 | 10. 1 |
| 11. 1336336 | 12. 1936 |
| 13. 753571 | 14. 36 |
| 15. 2116 | 16. 5832 |
| 17. 810000 | 18. 3486784401 |
| 19. 27 | 20. 1 |