

Ejercicios de aritmética

1. Sumas y restas

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|-----------------|------------------|------------------|-------------------|
| 1. $8 - 6 =$ | 26. $25 + 18 =$ | 51. $-44 - 48 =$ | 76. $-28 - 60 =$ |
| 2. $-6 + 4 =$ | 27. $11 - 25 =$ | 52. $36 - 28 =$ | 77. $-99 - 38 =$ |
| 3. $-12 - 12 =$ | 28. $3 + 17 =$ | 53. $32 - 15 =$ | 78. $-24 + 68 =$ |
| 4. $1 - 6 =$ | 29. $-22 - 3 =$ | 54. $36 - 26 =$ | 79. $-91 - 75 =$ |
| 5. $-2 + 7 =$ | 30. $-20 - 9 =$ | 55. $-16 - 6 =$ | 80. $-56 + 82 =$ |
| 6. $-6 + 12 =$ | 31. $-7 - 8 =$ | 56. $-37 + 24 =$ | 81. $-34 - 45 =$ |
| 7. $7 - 7 =$ | 32. $-23 + 2 =$ | 57. $29 + 33 =$ | 82. $-30 - 6 =$ |
| 8. $-4 + 1 =$ | 33. $-23 + 1 =$ | 58. $-25 + 36 =$ | 83. $73 - 9 =$ |
| 9. $8 - 8 =$ | 34. $-22 + 7 =$ | 59. $-11 + 23 =$ | 84. $6 + 33 =$ |
| 10. $6 - 1 =$ | 35. $9 + 5 =$ | 60. $-28 - 5 =$ | 85. $-8 - 65 =$ |
| 11. $5 + 6 =$ | 36. $12 + 3 =$ | 61. $-28 - 4 =$ | 86. $-98 - 62 =$ |
| 12. $-3 - 9 =$ | 37. $-15 + 11 =$ | 62. $-13 + 46 =$ | 87. $-95 + 72 =$ |
| 13. $-2 - 4 =$ | 38. $23 - 5 =$ | 63. $-49 + 6 =$ | 88. $-6 + 64 =$ |
| 14. $-8 + 9 =$ | 39. $16 + 21 =$ | 64. $-5 - 43 =$ | 89. $-14 - 92 =$ |
| 15. $9 - 7 =$ | 40. $-19 - 8 =$ | 65. $-48 - 38 =$ | 90. $31 - 21 =$ |
| 16. $6 + 4 =$ | 41. $-12 + 22 =$ | 66. $-8 + 41 =$ | 91. $40 + 55 =$ |
| 17. $5 - 7 =$ | 42. $-16 - 4 =$ | 67. $36 + 44 =$ | 92. $47 - 65 =$ |
| 18. $-4 - 11 =$ | 43. $20 - 12 =$ | 68. $-15 - 32 =$ | 93. $37 + 84 =$ |
| 19. $5 - 4 =$ | 44. $-13 - 6 =$ | 69. $-41 + 18 =$ | 94. $-29 - 60 =$ |
| 20. $-9 - 6 =$ | 45. $5 + 6 =$ | 70. $-34 + 38 =$ | 95. $-14 + 92 =$ |
| 21. $11 + 1 =$ | 46. $14 - 22 =$ | 71. $-18 - 32 =$ | 96. $85 + 46 =$ |
| 22. $-10 + 4 =$ | 47. $8 - 22 =$ | 72. $45 - 25 =$ | 97. $3 + 5 =$ |
| 23. $8 + 10 =$ | 48. $-5 + 1 =$ | 73. $-36 + 23 =$ | 98. $16 - 4 =$ |
| 24. $-11 + 5 =$ | 49. $18 - 20 =$ | 74. $20 + 29 =$ | 99. $-91 + 57 =$ |
| 25. $-2 + 12 =$ | 50. $25 - 18 =$ | 75. $-49 + 7 =$ | 100. $-51 - 21 =$ |

2. Productos

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|--------------------|---------------------|---------------------|---------------------|
| 1. $7(-3) =$ | 26. $(18)(16) =$ | 51. $(-33)(26) =$ | 76. $88 \cdot 65 =$ |
| 2. $-9(11) =$ | 27. $(25)(18) =$ | 52. $37(49) =$ | 77. $(-65)(99) =$ |
| 3. $5(8) =$ | 28. $(22)(16) =$ | 53. $34(-42) =$ | 78. $77(-73) =$ |
| 4. $(-5)(3) =$ | 29. $20 \cdot 16 =$ | 54. $(-42)(40) =$ | 79. $62(-74) =$ |
| 5. $(9)(5) =$ | 30. $25 \cdot 24 =$ | 55. $-32(30) =$ | 80. $66(-71) =$ |
| 6. $7 * 8 =$ | 31. $18 * 24 =$ | 56. $-32(27) =$ | 81. $(-54)(72) =$ |
| 7. $-6(-4) =$ | 32. $(24)(-21) =$ | 57. $45(-25) =$ | 82. $(55)(100) =$ |
| 8. $(-9)(11) =$ | 33. $(-13)(19) =$ | 58. $(33)(-50) =$ | 83. $-66(-81) =$ |
| 9. $(11)(-10) =$ | 34. $25(-20) =$ | 59. $27 \cdot 29 =$ | 84. $54 * 70 =$ |
| 10. $12(-2) =$ | 35. $-13(18) =$ | 60. $-29(25) =$ | 85. $80 \cdot 87 =$ |
| 11. $(5)(-4) =$ | 36. $(24)(-22) =$ | 61. $28(40) =$ | 86. $68 * 69 =$ |
| 12. $(3)(-2) =$ | 37. $-19(25) =$ | 62. $(34)(-28) =$ | 87. $-68(83) =$ |
| 13. $6(-8) =$ | 38. $(-17)(-21) =$ | 63. $27 \cdot 30 =$ | 88. $(-78)(-86) =$ |
| 14. $6(-2) =$ | 39. $-14(-23) =$ | 64. $(-32)(-46) =$ | 89. $-74(-86) =$ |
| 15. $(11)(7) =$ | 40. $-12(17) =$ | 65. $(30)(-29) =$ | 90. $64(-59) =$ |
| 16. $-2(7) =$ | 41. $(16)(-19) =$ | 66. $(25)(50) =$ | 91. $-91(53) =$ |
| 17. $9(-6) =$ | 42. $(19)(-12) =$ | 67. $(40)(-28) =$ | 92. $(-84)(-50) =$ |
| 18. $(5)(-2) =$ | 43. $(22)(-24) =$ | 68. $(45)(-29) =$ | 93. $(71)(-54) =$ |
| 19. $-9(-11) =$ | 44. $-15(23) =$ | 69. $(36)(50) =$ | 94. $52 * 86 =$ |
| 20. $(-7)(-4) =$ | 45. $-24(16) =$ | 70. $-42(-28) =$ | 95. $-77(-94) =$ |
| 21. $(3)(-7) =$ | 46. $-17(-13) =$ | 71. $(26)(47) =$ | 96. $59(-72) =$ |
| 22. $-2(-12) =$ | 47. $(22)(-21) =$ | 72. $(31)(-37) =$ | 97. $-90(-71) =$ |
| 23. $6(-8) =$ | 48. $(-19)(21) =$ | 73. $34(26) =$ | 98. $(-68)(78) =$ |
| 24. $-8(-11) =$ | 49. $(19)(-14) =$ | 74. $-48(-32) =$ | 99. $-69(52) =$ |
| 25. $6 \cdot 11 =$ | 50. $18(21) =$ | 75. $(47)(-43) =$ | 100. $(71)(-91) =$ |

3. Divisiones

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|----------------------|----------------------|----------------------|------------------------|
| 1. $\frac{10}{-2} =$ | 5. $\frac{8}{2} =$ | 9. $-12 \div 3 =$ | 13. $\frac{10}{10} =$ |
| 2. $8/4 =$ | 6. $\frac{-9}{3} =$ | 10. $\frac{12}{2} =$ | 14. $\frac{-8}{-2} =$ |
| 3. $-8 \div -2 =$ | 7. $\frac{10}{-5} =$ | 11. $-12 \div -6 =$ | 15. $\frac{12}{-2} =$ |
| 4. $12 \div -4 =$ | 8. $-3 \div 3 =$ | 12. $-6/ -6 =$ | 16. $\frac{-10}{-2} =$ |

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|-------------------------|-------------------------|------------------------|-------------------------|
| 17. $8/8 =$ | 38. $24 \div -6 =$ | 59. $40/ - 2 =$ | 80. $\frac{-64}{-32} =$ |
| 18. $2 \div -2 =$ | 39. $-12/ - 2 =$ | 60. $48/ - 4 =$ | 81. $\frac{-52}{-2} =$ |
| 19. $-8/ - 4 =$ | 40. $24/ - 6 =$ | 61. $-30 \div -6 =$ | 82. $\frac{63}{-63} =$ |
| 20. $5 \div 5 =$ | 41. $-23/23 =$ | 62. $39 \div 39 =$ | 83. $87 \div -29 =$ |
| 21. $6/2 =$ | 42. $\frac{14}{7} =$ | 63. $30 \div -15 =$ | 84. $-88/44 =$ |
| 22. $\frac{-10}{-10} =$ | 43. $18 \div 9 =$ | 64. $27/ - 3 =$ | 85. $75/75 =$ |
| 23. $\frac{-6}{-2} =$ | 44. $-13 \div -13 =$ | 65. $27/27 =$ | 86. $\frac{-50}{-50} =$ |
| 24. $2/ - 2 =$ | 45. $12 \div -2 =$ | 66. $-45 \div -9 =$ | 87. $-100 \div -4 =$ |
| 25. $3 \div -3 =$ | 46. $-24 \div 8 =$ | 67. $50/ - 10 =$ | 88. $-92 \div 92 =$ |
| 26. $\frac{-24}{-4} =$ | 47. $-25/5 =$ | 68. $\frac{-48}{-3} =$ | 89. $\frac{-66}{-66} =$ |
| 27. $\frac{-24}{8} =$ | 48. $14/14 =$ | 69. $-33/33 =$ | 90. $-72/18 =$ |
| 28. $\frac{-18}{6} =$ | 49. $-15 \div 3 =$ | 70. $26/2 =$ | 91. $-84 \div -4 =$ |
| 29. $-22/ - 2 =$ | 50. $23 \div -23 =$ | 71. $26 \div -13 =$ | 92. $-76 \div -19 =$ |
| 30. $18/ - 18 =$ | 51. $\frac{-48}{8} =$ | 72. $42/ - 2 =$ | 93. $90 \div 2 =$ |
| 31. $-12 \div 4 =$ | 52. $26/26 =$ | 73. $44/22 =$ | 94. $52/ - 26 =$ |
| 32. $-12/ - 2 =$ | 53. $-48 \div 16 =$ | 74. $-36 \div 3 =$ | 95. $-52/ - 13 =$ |
| 33. $-18 \div 3 =$ | 54. $-40/10 =$ | 75. $-40/5 =$ | 96. $-96 \div -24 =$ |
| 34. $-15 \div -5 =$ | 55. $49/49 =$ | 76. $78 \div -2 =$ | 97. $\frac{100}{-10} =$ |
| 35. $\frac{21}{-21} =$ | 56. $\frac{42}{3} =$ | 77. $\frac{55}{-5} =$ | 98. $54 \div 18 =$ |
| 36. $\frac{12}{6} =$ | 57. $\frac{-42}{-14} =$ | 78. $54 \div -27 =$ | 99. $\frac{-50}{2} =$ |
| 37. $-24 \div -8 =$ | 58. $\frac{-40}{-40} =$ | 79. $\frac{88}{88} =$ | 100. $88 \div -8 =$ |

4. Potencia y raíz

Resuelve los siguientes ejercicios con las leyes de los exponentes:

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|--------------------------------|---------------------------------|------------------------------|------------------------------|
| 1. $\sqrt[8]{23^0} =$ | 26. $(23^{12})^9 =$ | 51. $(19^{10})^8 =$ | 76. $(29^{12})(29^{11}) =$ |
| 2. $(5^2)(5^2) =$ | 27. $2^{10}/2^9 =$ | 52. $(11)(11^{13}) =$ | 77. $\sqrt[10]{13^{10}} =$ |
| 3. $\frac{29^{12}}{29^5} =$ | 28. $(17^{15})^{15} =$ | 53. $13^3 * 13^8 =$ | 78. $17^{10} \div 17^5 =$ |
| 4. $13(13^{12}) =$ | 29. $19^{13}/19^{11} =$ | 54. $\sqrt{11^0} =$ | 79. $(31^6)^4 =$ |
| 5. $31^3 * 31^5 =$ | 30. $7^5 \cdot 7^{14} =$ | 55. $\sqrt[5]{7^{15}} =$ | 80. $\sqrt[5]{23^5} =$ |
| 6. $31^{15}(31^{13}) =$ | 31. $19^4 \cdot 19^4 =$ | 56. $\sqrt[12]{19^0} =$ | 81. $(29^{11})(29^{13}) =$ |
| 7. $2^{12} \div 2^7 =$ | 32. $(17^6)(17^{11}) =$ | 57. $(19^2)^2 =$ | 82. $\sqrt[3]{31^6} =$ |
| 8. $23^8 \cdot 23^9 =$ | 33. $(17^9)^{12} =$ | 58. $(11^{11})^8 =$ | 83. $\sqrt{37^4} =$ |
| 9. $\frac{19^{14}}{19^{14}} =$ | 34. $\frac{17^5}{17^3} =$ | 59. $\sqrt[9]{7^0} =$ | 84. $3^{10} \div 3^5 =$ |
| 10. $(2^8)(2^5) =$ | 35. $(11^{12})^{13} =$ | 60. $11^9 \cdot 11^9 =$ | 85. $(19^5)^4 =$ |
| 11. $31^{15} \div 31^{14} =$ | 36. $(11^8)^9 =$ | 61. $\sqrt[15]{11^{15}} =$ | 86. $\sqrt[13]{37^{13}} =$ |
| 12. $(13^{10})(13^8) =$ | 37. $11^{10}(11^{10}) =$ | 62. $(19^{11})^{12} =$ | 87. $(19^9)^3 =$ |
| 13. $(5^2)^{11} =$ | 38. $(11^{13})^9 =$ | 63. $\sqrt[3]{23^{15}} =$ | 88. $(19^2)^{13} =$ |
| 14. $3^{14} \div 3^{10} =$ | 39. $\frac{3^{15}}{3^9} =$ | 64. $\sqrt{31^2} =$ | 89. $\sqrt[12]{37^0} =$ |
| 15. $\frac{5^9}{5^9} =$ | 40. $\sqrt[3]{31^3} =$ | 65. $19^8(19^6) =$ | 90. $\sqrt[8]{17^8} =$ |
| 16. $(19^{13})(19^{10}) =$ | 41. $3^{10} \div 3^7 =$ | 66. $37^{12} \div 37^5 =$ | 91. $\sqrt[8]{11^8} =$ |
| 17. $(23^0)^{13} =$ | 42. $(3^9)^3 =$ | 67. $\sqrt[4]{7^{12}} =$ | 92. $\frac{17^{12}}{17^2} =$ |
| 18. $37^{13}(37^6) =$ | 43. $\frac{2^{10}}{2^8} =$ | 68. $2^{13} * 2^6 =$ | 93. $(23^{13})^{15} =$ |
| 19. $\sqrt[3]{37^6} =$ | 44. $(13^{13})(13^2) =$ | 69. $2^{13}/2^{12} =$ | 94. $\sqrt[13]{7^0} =$ |
| 20. $(31^4)^3 =$ | 45. $5^{13}/5^{12} =$ | 70. $\sqrt[13]{17^{13}} =$ | 95. $\frac{5^9}{5^5} =$ |
| 21. $\frac{11^{15}}{11^2} =$ | 46. $\frac{29^{12}}{29^{11}} =$ | 71. $\frac{23^{13}}{23^4} =$ | 96. $\sqrt[7]{13^7} =$ |
| 22. $(31^{12})^{11} =$ | 47. $7^{11} * 7 =$ | 72. $\sqrt[3]{2^3} =$ | 97. $\frac{29^3}{29^2} =$ |
| 23. $\sqrt[15]{11^{15}} =$ | 48. $(23^6)^6 =$ | 73. $13^{14} * 13^{13} =$ | 98. $(13^{10})^{14} =$ |
| 24. $\sqrt[9]{29^0} =$ | 49. $(5^{12})^{15} =$ | 74. $\frac{5^9}{5^5} =$ | 99. $19^{15} \cdot 19^2 =$ |
| 25. $23^6 * 23^6 =$ | 50. $23^{14}/23^6 =$ | 75. $(31^7)^3 =$ | 100. $(23^8)^5 =$ |