Mathematics: Order of Operations Demo

Demo - Set 4

Contents

ADDITION AND SUBTRACTION WITH 6 NUMBERS

Name: _____

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1)

$$0 + 10 - 0 + 9 - 6 + 7 =$$

2)

$$5 - 3 + 7 - 4 + 10 - 10 =$$

3)

$$7 - 1 + 8 - 8 + 9 - 3 =$$

4)

$$8 - 2 - 8 + 9 + 9 - 5 =$$

5)

$$2 + 1 + 1 + 0 + 6 - 0 =$$

6)

$$9 + 10 - 6 + 5 - 8 + 10 =$$

7)

$$10 - 10 - 8 - 0 + 6 + 6 =$$

8)

$$5 + 0 + 7 + 2 - 7 - 7 =$$

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9)

$$9 - 1 + 4 + (0 + 5) + 1 =$$

10)

$$(9 + 1) - 6 + 1 - 0 + 9 =$$

11)

$$3 + 6 - 3 + (2 - 1 + 10) =$$

12)

$$(7 - 6) + 10 - 7 + 0 + 7 =$$

13)

$$10 + 10 - (7 + 3 - 7) - 5 =$$

14)

$$(9 - 5) + (5 - 0 + 10) - 5 =$$

15)

$$(5 + 3) - 0 - (6 + 7 - 10) =$$

16)

$$(8 - 1) + 9 + 3 - 7 + 3 =$$

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17)

$$6 + 58 - ((12 + 38 - 40)) + 27 =$$

18)

$$((100 - 82 + 82 - 54)) + 30 - 27 =$$

19)

$$(31 + 10 - 35 + 63) + 24 - 71 =$$

20)

$$(98 - 53) + 31 + 45 - 23 - 88 =$$

21)

$$((10 + 87) - 2) - ((11 + 53 - 27)) =$$

22)

$$(33 + 11) + 12 - ((9 + 81) - 51) =$$

23)

$$((92 - 5) - 68 + 21) + 27 + 16 =$$

24)

$$((48 + 33) - 25 + 28) - 70 - 4 =$$

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25)

$$10 + 0 \div 32 - 6 - (-13) + 45 \div (-9) - 2 =$$

26)

$$4 - (-3) + 13 + 1 \times (-2) + 8 \times (-10) \div 10 =$$

27)

$$11 - 4 + 5 \div (-5) \times 2 - 0 \times (-8) + (-1) =$$

28)

$$17 + (-17) + 0 \times (-3) \times (-4) \div 1 \div 5 + 3 =$$

29)

$$11 + (-18) \times 1 \times (-1) - 8 \div 4 - (-16) - 4 =$$

30)

$$1 \times 0 \times (-90) + 5 \times 50 \div (-5) - 3 \times (-9) =$$

31)

$$19 + (-1) - 8 - 12 + 14 - 12 - 0 - 17 =$$

32)

$$0 \div 6 + 12 + (-6) - (-8) - 10 + (-13) + (-8) =$$

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33)

$$1 \times 0 \div (-21) \div 8 \times 7 \div (-35) \div 1 \times 7 \times 4 \times 2 =$$

34)

$$3 \times 0 \times (-97) \times (-29) - 14 + 44 + 60 \div (-6) + 63 \div 9 =$$

35)

$$2 \div (-1) \times 0 \div 9 \times 9 \div 80 + (-32) \times 0 \div (-7) \times (-5) =$$

36)

$$20 \div 5 \times 3 \times 1 \times 7 - 0 \div (-5) \div (-5)\, 6 \div 71 + (-88) =$$

37)

$$3 \times 8 - 16 - 25 + 11 + (-52) - (-10) + 0 \times 1 \div 10 =$$

38)

$$2 \times (-8) \div 8 + (-6) - 1 \div (-1) + 0 \div (-31) + 3 - (-42) =$$

39)

$$8 \times 5 \div 4 + 97 - 99 + 1 \times 3 + 2 - 5 \times (-6) =$$

40)

$$4 \div 1 - 2 \times 0 \times 9 \div 30 \div 10 - 9 - 0 \div 18 =$$

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41)

$$(0 \div 8) \div (9x \times 1) \div (3x) \div (10x) =$$

42)

$$(9x + 8x) - (16x \div 2) - 4x + 10x =$$

43)

$$(0x + 0x) \times 5x + (4x + 0x - 2x) =$$

44)

$$(6x - 6x) \times 3x \div (10x) \times 9x \div (10x) =$$

45)

$$4x + 0x \div ((9x \times 3)) \times (42x \div 6) =$$

46)

$$(7x - 7x \times 0x) - (4x + 5x - 2x) =$$

47)

$$(x - 0x + 5x) + 8x - (6x \div 6) =$$

48)

$$8x - 5x + (5x - 3x) \times (3x - 3x) =$$

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49)

$$(8x - 0x \times 9x - 0x) + 8x - 2x =$$

50)

$$(2x + 10x) - 4x - 7x + (x \times 7) =$$

51)

$$(2x + x) - 0x \times x - 0x \div (6x) =$$

52)

$$(2x - 2x) \times 7x \div (9x - 0x \div (7x)) =$$

53)

$$2x \times 5 + (0 \div 6) + 6x - 10x =$$

54)

$$5x + 2x + 5x - (0x + 8x) + 0x =$$

55)

$$(4x \times 1) + (0x - 0x \times 7x) \div (10x) =$$

56)

$$(10x - 8x) + 10x - 6x - 12x \div 4 =$$

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57)

$$((1 \div 1) + 9) \div 10 \times 9x - 5x =$$

58)

$$((10 - 6) + 3 + (4 \div 1 + 5x)) =$$

59)

$$(10x - 5x + 10x) - ((10x + 8x - 9x)) =$$

60)

$$9 - 2 + 2 - x + 7x + 2 =$$

61)

$$7 + 10 - (7 - 2 + 8 - 7) =$$

62)

$$(21x \div 7 - (24x \div 8) + 4) \div 1 =$$

63)

$$((2 \times 3) + 14 \div 7 \div 2) + 3x =$$

64)

$$((3x - 2x) + 9x) + 5 \times 7 \div 5 =$$

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65)

$$(30x \div 3 + (-7x)) - (0 \times (-4x) \times 1) =$$

66)

$$(30x \div (-3)) \times 0 \times (6x - (-10x)) \div (-6x) =$$

67)

$$(5x + x) + 7x - 8x + (8x - 2x) =$$

68)

$$(3x \times 0x) \div (5x) \div (9x) - 0x \div (-2x) =$$

69)

$$(30x \div 3 \times 0x) \div (10x + (-6x)) \div (-2x) =$$

70)

$$8x - 6x + (5 - (-5x)) + 11 + (-19) =$$

71)

$$(6x + (-1)) + 10x - (14 + 6) \div 5 =$$

72)

$$10 \times 0 \times (7x - (-6x)) + (-6x) - 2x =$$

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73)

$$(y + 10x - 4x) + (35y \div 7) - 4y =$$

74)

$$(4y + 8y) - 10y + (5y + 10x) - 10x =$$

75)

$$(6x - 3x + 7y) + (5x + 7y) - 2y =$$

76)

$$(8y + 0y \times x) + (8x - 2x) - 6x =$$

77)

$$(9y \div 3) - 0y \times (y - 0y) + 2y =$$

78)

$$(10y - 7y + 8x) + (27x \div 9 + 5x) =$$

79)

$$(2x + 9y - y) + (2 \times 1) \times 2x =$$

80)

$$(3x \times 3) + 9x - 0x - (9x + 6x) =$$

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81)

$$(8x - 6x) + (6x + 0x \times 4x) + 4x =$$

82)

$$5y \times 1 - 0x - 0y + (7y \div 1) =$$

83)

$$5y + 0y \times (6x - 6x) \div (10y - 5y) =$$

84)

$$(10 \times 8) \div 10 \div ((81y \div 9 \div (9y))) =$$

85)

$$(80y \div 8) \div (10y) \times 3y - 0x \times 7x =$$

86)

$$(5x - 0y) - 5x + (8x - 0x \div 5) =$$

87)

$$12x \div 2 + (4x - 0y \times 5x) - 8x =$$

88)

$$(10x + y) - y + y + 3x - 8x =$$

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89)

$$(30x \div 3 \div (2x - x)) \times (2y - 0x) =$$

90)

$$(4z + 4z) + (7y - 0x \div 6) - 0z =$$

91)

$$(4 \times 0) + 3y - 18y \div 6 + 10y =$$

92)

$$(8z - 0y - 0y) + 7x + 7y - 2y =$$

93)

$$(3x \times 6) - 63x \div 7 + (90z \div 10) =$$

94)

$$(49z \div 7) - 0x \times 5y \div (7x + 5z) =$$

95)

$$(4x \div 4) + (3z - 0x) + (0x + 5y) =$$

96)

$$(5x - 0z + 5x) \div (5x) \times (2y + 3x) =$$

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97)

$$7y + 9x - (0y \times (-1y)) \div (-9) \div (-8) =$$

98)

$$(6x - (-11)) + 2y \times (2 \times 2) + 0x =$$

99)

$$(42 \div (-7)) - (0 \times (-3)) \times (-6y) + 5x =$$

100)

$$(0y \times (-4x)) \times (-13) - 48x \div 8 + (-9) =$$

101)

$$(2 + (-1y)) - (6x - 3x + (-4)) - 0 =$$

102)

$$(5 \times 0) \div 8 + (-10) \div (-1) \times 3y =$$

103)

$$(16 - 9 + 10) + 2y - 10y + 10y =$$

104)

$$(8 + (-2y)) - 9x + (y \times 8) \div 4 =$$

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105) $10^2 =$

106) $7^2 =$

107) $2^2 =$

108) $1^2 =$

109) $9^2 =$

110) $3^2 =$

111) $8^2 =$

112) $3^2 =$

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113) $10^{1} =$

114) $10^{3} =$

115) $10^{6} =$

116) $10^{2} =$

117) $10^{4} =$

118) $10^{6} =$

119) $10^{0} =$

120) $10^{1} =$

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121) $(-5)^4 =$

122) $0^8 =$

123) $3^6 =$

124) $(-1)^7 =$

125) $7^1 =$

126) $(-9)^1 =$

127) $(-5)^1 =$

128) $6^3 =$

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129)

$$(((0y \times 4 \times 5)) + 4y \times 0 \div ((7y - (-11))) \div 7) =$$

130)

$$6x - (-4) \times 0y \div ((((10y + 6) - 12)) - (-2y)) - 7 =$$

131)

$$((18x \div (-3)) \times 0) \times (((13 - 7y) + (-9))) \div (-8) \div (-12x) =$$

132)

$$(((0 \times 8) \times (-20y))) \times (16 - (-4x)) \div (2z - (-5) - (-7)) =$$

133)

$$0x \times (-9x) \times (((0 \div 5 \times 3) \times (-7y))) + 54 \div 6 =$$

134)

$$(2 - 3x + 4x \times 2 + ((3 \times (-5) - (-10))) \times 14) =$$

135)

$$(((3 - (-4)) + y) \div 1) + ((2 \times 3 - 3) + (-2)) =$$

136)

$$(((0z) \div (6x \times (-9)))) \div (-2z) \div ((3 \times 0y) - 9) =$$

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137)

$$(((3 + 0z \times (-5))) - 0 \times (-3) \times 1 - 0 + (-4z)) =$$

138)

$$(0 \div (-1)) \div (((5y - (-5y)) \div (((10y - 10y) \times 6y) + (-5y)))) =$$

139)

$$2x - 8x - 63y \div 9 + ((6y \div (-1) + (6 + 7y))) =$$

140)

$$0 \times (-8y) \div ((((1 - (-2) + (-4)))) + (-8y)) - (14 - (-6x)) =$$

141)

$$(6z - (-12) - ((2z - (-13) - 4 + (-2))) \times 1 - 13) =$$

142)

$$(6 + (-5) + (2z \times 0y) + 0z \div ((6x + (-5)\, x))) + 5y =$$

143)

$$(6x - 0z) - (((0 + 10y \div 1))) - 2y \div (-1) \times (-3) =$$

144)

$$(((9y - (-8y)) \times 0 \div (7x)) \div (-8)) \times (((3y - 0y \div x))) =$$

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1)

$$1 \times 0 \times 20 \div 16 - 4 + 19 + (-20) \times 1 =$$

2)

$$(8x + 0x - 6x) + (4x + 3x + x) =$$

3)

$$(9x + (-9x)) \div (14x) \div (2x) \div (4x - 3x) =$$

4)

$$(2y + 2y) + 7x + 4z \times 0x + 4x =$$

5)

$$(56x \div 7 - 4) \div 2 \times (8 \div (-2)) =$$

6)

$$5^2 =$$

7)

$$10^2 =$$

8)

$$(-5)^3 =$$

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1)

$$8 - 8 - 3 - 0 \div 7 \div 80 \div 8 - 3 =$$

2)

$$36x \div 6 - (10x + 5x - 9x) + 7x =$$

3)

$$(7x - 7x) \div (2x) \times 42 - (20 \div 2) =$$

4)

$$(0x \times 10 + 7y - 0y \times 7z) \times 7 =$$

5)

$$(2x + 6) - (16 - (-1)) - (y + 7) =$$

6)

$$10^2 =$$

7)

$$10^2 =$$

8)

$$3^3 =$$

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1)

$$8 \times (-1) \times 2 - 10 \times (-3) \div 5 \times 1 \div (-6) =$$

2)

$$(x + 4x) + 0x \div ((36x \div 6) \div (2x)) =$$

3)

$$(6x + (-6x) - 9) + 14 + (-3) \div (-3) =$$

4)

$$(2z - 0x \div (9y)) + 0y \times (z \times 8) =$$

5)

$$(10 \div 5) - (-1) \times 16y \div (-2) + 0x =$$

6)

$$4^2 =$$

7)

$$10^1 =$$

8)

$$(-3)^3 =$$

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1	**2**	**3**	**4**
20	5	12	11
5	**6**	**7**	**8**
10	20	4	0
9	**10**	**11**	**12**
18	14	17	11
13	**14**	**15**	**16**
12	14	5	15
17	**18**	**19**	**20**
81	49	22	10
21	**22**	**23**	**24**
58	17	83	10
25	**26**	**27**	**28**
10	10	4	3
29	**30**	**31**	**32**
39	-23	-17	-17
33	**34**	**35**	**36**
0	27	0	-4
37	**38**	**39**	**40**
-48	38	43	-5
41	**42**	**43**	**44**
0	$15x$	$2x$	0
45	**46**	**47**	**48**
$4x$	0	$13x$	$3x$
49	**50**	**51**	**52**
$14x$	$8x$	$3x$	0
53	**54**	**55**	**56**
$6x$	$4x$	$4x$	$3x$
57	**58**	**59**	**60**
$4x$	$5x + 11$	$6x$	$6x + 11$
61	**62**	**63**	**64**
11	4	$3x + 7$	$10x + 7$
65	**66**	**67**	**68**
$3x$	0	$11x$	0

69	**70**	**71**	**72**
0	$7x-3$	$16x-5$	$-8x$
73	**74**	**75**	**76**
$6x+2y$	$7y$	$8x+12y$	$8y$
77	**78**	**79**	**80**
$5y$	$16x+3y$	$6x+8y$	$3x$
81	**82**	**83**	**84**
$12x$	$12y$	$5y$	8
85	**86**	**87**	**88**
$3y$	$8x$	$2x$	$5x+y$
89	**90**	**91**	**92**
$20y$	$7y+8z$	$10y$	$7x+5y+8z$
93	**94**	**95**	**96**
$9x+9z$	$7z$	$x+5y+3z$	$6x+4y$
97	**98**	**99**	**100**
$9x+7y$	$6x+8y+11$	$5x-6$	$-6x-9$
101	**102**	**103**	**104**
$-3x-y+6$	$30y$	$2y+17$	$-9x+8$
105	**106**	**107**	**108**
100	49	4	1
109	**110**	**111**	**112**
81	9	64	9
113	**114**	**115**	**116**
10	1000	1000000	100
117	**118**	**119**	**120**
10000	1000000	1	10
121	**122**	**123**	**124**
625	0	729	-1
125	**126**	**127**	**128**
7	-9	-5	216
129	**130**	**131**	**132**
0	$6x-7$	0	0
133	**134**	**135**	**136**
9	$5x-68$	$y+8$	0

137	**138**	**139**	**140**
$-4z+3$	0	$-6x-6y+6$	$-6x-14$
141	**142**	**143**	**144**
$4z-8$	$5y+1$	$6x-16y$	0

SOLUTIONS: TEST 1

1	**2**	**3**	**4**
-5	$10x$	0	$11x + 4y$
5	**6**	**7**	**8**
$-16x + 8$	25	100	-125

SOLUTIONS: TEST 2

1	**2**	**3**	**4**
-6	$7x$	-10	$49y$
5	**6**	**7**	**8**
$2x - y - 18$	100	100	27

SOLUTIONS: TEST 3

1	2	3	4
-17	$5x$	6	$2z$
5	**6**	**7**	**8**
$-8y+2$	16	10	-27