Mathematics: Order of Operations Demo

Demo - Set 5

Contents

ADDITION AND SUBTRACTION WITH 6 NUMBERS

Name: _____

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1)

$$2 + 10 + 8 - 4 - 4 - 1 =$$

2)

$$8 + 2 + 10 - 6 - 3 - 0 =$$

3)

$$7 + 1 + 1 - 2 + 7 - 4 =$$

4)

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

5)

$$8 + 5 - 9 + 6 + 3 - 9 =$$

6)

$$7 + 7 + 6 + 6 - 7 - 4 =$$

7)

$$3 + 9 + 6 + 0 - 0 - 4 =$$

8)

$$6 + 0 + 9 + 3 + 7 - 10 =$$

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9)

$$5 + 3 - (2 - 2) + 5 + 7 =$$

10)

$$(4 + 5 - 1) + (5 - 2 + 8) =$$

11)

$$(8 - 3 - 2 + 5 + 0 - 5) =$$

12)

$$(5 + 2 + 5) - (9 - 8) - 4 =$$

13)

$$(2 + 8 + 1) + 4 + 1 - 5 =$$

14)

$$(9 - 8) + (5 + 9) - 1 - 0 =$$

15)

$$(1 + 0) + 8 - 2 - 4 - 2 =$$

16)

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

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17)

$$((70 - 64 - 1)) + 4 + 48 - 7 =$$

18)

$$(86 - 2) - 75 + ((13 + 84) - 34) =$$

19)

$$((56 - 52) + 5 - 23 + 60 - 9) =$$

20)

$$((16 - 10) + 17) - 6 + 34 + 3 =$$

21)

$$((32 + 52) - (28 + 25)) - (86 - 59) =$$

22)

$$((87 + 7) - 40) + ((6 + 38) - 14) =$$

23)

$$(21 - 7) - ((86 - 33) - 40) + 3 =$$

24)

$$((62 - 41 + 50)) - 2 - 13 - 10 =$$

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25)

$$13 - (-6) - 16 \div 1 - 13 + 1 \times 12 - 14 =$$

26)

$$6 - (-4) + 56 \div (-7) - 1 - (-11) - 4 - 9 =$$

27)

$$0 \times (-4) - (-8) \div (-8) + 6 \div (-1) \times 0 \div (-6) =$$

28)

$$4 \div 2 - 2 + 5 - 8 - 10 + 10 - 4 =$$

29)

$$12 \div 6 + 5 + 0 \times 1 \div (-7) \div 1 + 1 =$$

30)

$$3 + (-13) - 10 \div (-10) \times 60 \div 6 - 2 - 15 =$$

31)

$$2 \times 3 \div 3 + 6 + 20 \div (-2) - (-11) + 0 =$$

32)

$$0 \times 6 \div 4 \times 3 \div (-4) \times 1 + 3 + (-4) =$$

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33)

$$17 - (-17) \times 10 \div 5 - 6 \times 10 \div 10 \times 1 - 7 - 69 =$$

34)

$$2 \times (-2) - 64 \div (-8) + (-7) \times 10 + 0 \div 3 \div 77 \div (-8) =$$

35)

$$0 \div 5 \div (-3) \div 7 - 8 \div (-2) \times 0 \times 5 - 60 - (-12) =$$

36)

$$10 \times 0 \div 1 \div (-3) \div 60 \div (-10) \times 0 \times 9 - 8 + 2 =$$

37)

$$0 \div (-4) \div 3 \div 4 \div (-1) \div 15 \div 5 - 10 \div (-1)\, 0 + 4 =$$

38)

$$0 \div (-3) \div (-3)\, 7 \times 23 \times 3 \div (-1) \div 9 \times 7 + 4 + (-65) =$$

39)

$$50 - (-19) - 37 + (-36) - 5 - 0 \times 6 \div 27 \div (-6) \div (-7) =$$

40)

$$0 \div (-10) \div 31 \div 4 \times 3 \times (-6) \div 10 \times 3 \div 5 - 3 =$$

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41)

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

42)

$$6x \div 6 - (3x - 3x + 8x) + 8x =$$

43)

$$(10x + 8x - 9x \div 9 \times 0x - 5x) =$$

44)

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

45)

$$(6x - 3x) - 0 \div (8x) \times x \times 9x =$$

46)

$$0 \div 8 + (0x - 0x) + (4x + 10x) =$$

47)

$$(0 \div 2) \times 5x \div (9x) + (90x \div 9) =$$

48)

$$(21x \div 7) \times 0x \div ((7x + 6x) - 2x) =$$

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49) $(10x + x) \times (9x - 9x) \times 3x + 8x =$

50) $(6x - 6x) \times 6x + 3x + x + 6x =$

51) $(8x \times 2) + (9x - 5x) - (21x \div 7) =$

52) $(3x + 10x) + 5x - (10x \div 1) - x =$

53) $(9x + 3x + x) - (6x - 0x \div (4x)) =$

54) $(3x + x - 4x) \times (5x - 3x) + 7x =$

55) $(24x \div 3) \div (8x) + (4x + 8x) \div (6x) =$

56) $(8x - 8x) \div (3x) \div (9x) \times (x + 5x) =$

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57)

$$((10x + 10x) \div ((9x - 4x))) \times 10x \div 5 =$$

58)

$$((2 \div 2 \times 1)) \times ((7 + 5x) \times 7) =$$

59)

$$((30x \div 3) + (8x - 2x)) \div (4x) \div 4 =$$

60)

$$((54 \div 6 - 3) - (1 \times 6 \div 3)) =$$

61)

$$24x \div 4 + ((10x - 9x \div 3)) + 3 =$$

62)

$$(9 - 7) - ((4 - 3) \times 9) \div 9 =$$

63)

$$(8 + 9x - 9x) - 9x + 2x + 7x =$$

64)

$$((10x \times 1 - 2x)) + 8 - 5 + 7 =$$

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65)

$$(6x + 5x) - (4x - 6x) + 3 - 3 =$$

66)

$$3 - (-6) + (72 \div 9 - 5 - 1) =$$

67)

$$12 \div (-6) \times 2x - (1x - 10x - (-4x)) =$$

68)

$$(5 \div (-1) \times 3) + (13 + (-5x) \div x) =$$

69)

$$(2x - (-4x)) \times (2x + (-2x)) - (-9x) + 6 =$$

70)

$$(6x - 6x) \times 7 - (-3) + 2x + 7x =$$

71)

$$(9 - 2x) + (-1x) + (-25) \times (3x - 6x) =$$

72)

$$(x \times 7) - 0x \div (7x + (-17)) \div (-14x) =$$

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73)

$$(8y - 8y + 5x) + (3y + 3x) + 9y =$$

74)

$$(2y \div 1) \div (10y - 8y) \times 40x \div 5 =$$

75)

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

76)

$$(7y - 0x) \times (8y - 8y) + 10x - 7x =$$

77)

$$(6x + 6x \div 3) - 2x + (2y \times 5) =$$

78)

$$(24y \div 8 + 5x) - 0y \times 9x \times 64x =$$

79)

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

80)

$$(6y - 0y \div 3 \times 4y) \div ((4y - 2y)) =$$

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81)

$$7y - y + (3y - 0y \div 3) + 0y =$$

82)

$$(4y + 5x) - 2y + (4x + y) + 8x =$$

83)

$$2y \div 2 + (7y + y) \div (1 \times 8) =$$

84)

$$3x - 0x \times (35y \div 5) \times 5x \times 48y =$$

85)

$$18y \div 6 \div ((y + 9y) - 7y) \times 5 =$$

86)

$$(y + y) \div 2 \times 2 \div 2 \times 3 =$$

87)

$$(2x + 4x - 3x) \times 0x + 2x \div x =$$

88)

$$(6x - 5x + 5y - 0y) + 3x + x =$$

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89)

$$(10z + 6y - z) - (9z \div 1) + 3x =$$

90)

$$(7z - 0z \times 3y) - z + 6z + 4z =$$

91)

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

92)

$$(5z + 6y) - (27z \div 9) + 5x \times 0z =$$

93)

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

94)

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

95)

$$(7z - 7z) + 8y - y \times 5 + 4x =$$

96)

$$(10y \div 10) - 0x \times 0x \div ((8z - 4z)) =$$

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97)

$$2 \times (-2y) \times (60 \div (-6)) - (-5) \times (-6x) =$$

98)

$$(3 + 2y + 9) \times 2y + 8y \times 0 =$$

99)

$$3x - 11 - (2x + (-5)) - (-14) \times 0 =$$

100)

$$(10 - (-4)) - (6 + (-8) - (-3)) - 5x =$$

101)

$$(16 - 7) - 0 \div 4 \div (-10) \div (9y) =$$

102)

$$(7x \times 0) \div (10x \times 9) - (2x + (-9)) =$$

103)

$$(0 \div (-4) \div (8x \times (-4))) - 42y \div 6 =$$

104)

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

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105) $5^2 =$

106) $9^2 =$

107) $10^2 =$

108) $3^2 =$

109) $4^2 =$

110) $9^2 =$

111) $3^2 =$

112) $1^2 =$

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113)

$10^4 =$

114)

$10^5 =$

115)

$10^2 =$

116)

$10^1 =$

117)

$10^3 =$

118)

$10^3 =$

119)

$10^4 =$

120)

$10^6 =$

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121)

$4^3 =$

122)

$(-2)^7 =$

123)

$9^3 =$

124)

$1^3 =$

125)

$(-2)^4 =$

126)

$9^1 =$

127)

$(-9)^2 =$

128)

$9^2 =$

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129)

$$(1y + 1 + 4z + 3 + (2 \times 0 \div 3 \times 0z)) =$$

130)

$$8 \times 2 \times (7x \times 0) - (-1) \times 11 - 6 - (-9z) =$$

131)

$$(((7 + (-8)) \times 10x) + 2z \times (-5) - (2 \times (-6)) + 5) =$$

132)

$$(((0y \times (-2) \times 3y))) \div (((10z + (-1x)) \times (-8))) \div (5x - 0) =$$

133)

$$6 - (-5z) + ((0z \times (-7x)) \div 8) - (((14 \div 2) - 0y)) =$$

134)

$$(((5 \div (-1)) \times 0 \div 9 \times (-7))) \div (-81) \div (8 + 9y) =$$

135)

$$((42z \div 7) \times 10 \div 10) + (((7z + (-4x) + 60z \div (-6)))) =$$

136)

$$(6x - 5z + ((3z \times 0x \times (-10z))) \times (4 \div (-4) - 1)) =$$

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137)

$$((4-4)\div 6\times 8)+10z\times 8\div 8\times(-1)=$$

138)

$$((0x\times(-10x)\div((5y\times 5))-0z))-18x\div(-3)\div(-6x)=$$

139)

$$(((2y\times 0\times 6\times 8x\div(-6))-2-(-12)+(-5)))=$$

140)

$$(16\div 2-(6-(-3z))-24\div 4-(18y\div 6))=$$

141)

$$(((4z\times 0x\div 5)))\times(3z+(-2))+(y\times 2+11)=$$

142)

$$(((1\times(-2z))\times 0)\times z\div(5x))+(-4y)\times 9+10=$$

143)

$$(((0\div(-9))-(-4x)))+(-10z)+(((8z\div(-2)+6+3y)))=$$

144)

$$(10y-8y)+(10\div(-10))\times(7z-(-1)-(-4y)+7y)=$$

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1)

$$0 + (-17) - 0 \times 9 \times 7 \times 6 \div (-1) - (-9) =$$

2)

$$(7x + 9x) - x - (50x \div 5 - 4x) =$$

3)

$$10 \div (-10) + (21 \div 3 + 2x - 17) =$$

4)

$$63z \div 9 \div ((z - z) + 0y + z) =$$

5)

$$(4 \times (-9)) \div (-6) \times 7x - 9 - (-3y) =$$

6)

$$3^2 =$$

7)

$$10^2 =$$

8)

$$(-8)^3 =$$

Name: _____

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1)

$$9 - (-4) - 10 + 13 \div (-13) \div 1 + 0 + (-3) =$$

2)

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

3)

$$2 \times 7x - (6x - (-4x)) \times 1 - (-13) =$$

4)

$$(6y - 0x \div (4z)) + (9z \div 1) - 9z =$$

5)

$$(9x \times 0x \times (-8) \div (6y)) \div (6y) \times 0 =$$

6)

$$6^2 =$$

7)

$$10^4 =$$

8)

$$1^2 =$$

Name: _____

Time: _____ Score: ____ /____

1)

$$5 - (-6) + 18 \div 2 + (-14) \div 14 \times 8 - (-6) =$$

2)

$$(0x - 0x) + 10x - 9x \times 0x \div (6x) =$$

3)

$$(0 \div (-6) \div (4x)) - (0x - (-9x) + (-1)) =$$

4)

$$2z \times 8 - (18z \div 2) + 18y \div 9 =$$

5)

$$(8 - 2) + 0 \div (-4) \times 3x - 7 =$$

6)

$$3^2 =$$

7)

$$10^5 =$$

8)

$$10^2 =$$

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1	**2**	**3**	**4**
11	11	10	17
5	**6**	**7**	**8**
4	15	14	15
9	**10**	**11**	**12**
20	19	3	7
13	**14**	**15**	**16**
11	14	1	9
17	**18**	**19**	**20**
50	72	37	54
21	**22**	**23**	**24**
4	84	4	46
25	**26**	**27**	**28**
-12	-1	-1	-7
29	**30**	**31**	**32**
8	-17	9	-1
33	**34**	**35**	**36**
-31	-66	-48	-6
37	**38**	**39**	**40**
5	-61	-9	-3
41	**42**	**43**	**44**
0	x	$13x$	4
45	**46**	**47**	**48**
$3x$	$14x$	$10x$	0
49	**50**	**51**	**52**
$8x$	$10x$	$17x$	$7x$
53	**54**	**55**	**56**
$7x$	$7x$	3	0
57	**58**	**59**	**60**
$8x$	$35x + 49$	1	4
61	**62**	**63**	**64**
$13x + 3$	1	8	$8x + 10$
65	**66**	**67**	**68**
$13x$	11	x	-7

69	**70**	**71**	**72**
$9x + 6$	$9x + 3$	$72x + 9$	$7x$
73	**74**	**75**	**76**
$8x + 12y$	$8x$	$8x$	$3x$
77	**78**	**79**	**80**
$6x + 10y$	$5x + 3y$	$6y + 3$	3
81	**82**	**83**	**84**
$9y$	$17x + 3y$	$2y$	$3x$
85	**86**	**87**	**88**
5	$3y$	2	$5x + 5y$
89	**90**	**91**	**92**
$3x + 6y$	$16z$	$10x + 7y + z$	$6y + 2z$
93	**94**	**95**	**96**
0	y	$4x + 3y$	y
97	**98**	**99**	**100**
$-30x + 40y$	$4y^2 + 24y$	$x - 6$	$-5x + 13$
101	**102**	**103**	**104**
9	$-2x + 9$	$-7y$	$5x - 3$
105	**106**	**107**	**108**
25	81	100	9
109	**110**	**111**	**112**
16	81	9	1
113	**114**	**115**	**116**
10000	100000	100	10
117	**118**	**119**	**120**
1000	1000	10000	1000000
121	**122**	**123**	**124**
64	-128	729	1
125	**126**	**127**	**128**
16	9	81	81
129	**130**	**131**	**132**
$y + 4z + 4$	$9z + 5$	$-10x - 10z + 17$	0
133	**134**	**135**	**136**
$5z - 1$	0	$-4x + 3z$	$6x - 5z$

137	**138**	**139**	**140**
$-10z$	-1	5	$-3y-3z-4$
141	**142**	**143**	**144**
$2y+11$	$-36y+10$	$4x+3y-14z+6$	$-9y-7z-1$

SOLUTIONS: TEST 1

1	**2**	**3**	**4**
-8	$9x$	$2x - 11$	7
5	**6**	**7**	**8**
$42x + 3y - 9$	9	100	-512

SOLUTIONS: TEST 2

1	**2**	**3**	**4**
-1	$5x$	$4x + 13$	$6y$
5	**6**	**7**	**8**
0	36	10000	1

SOLUTIONS: TEST 3

1	**2**	**3**	**4**
18	$10x$	$-9x+1$	$2y+7z$
5	**6**	**7**	**8**
-1	9	100000	100