Mathematics: Order of Operations Demo

Demo - Set 3

Contents

ADDITION AND SUBTRACTION WITH 6 NUMBERS

Name: _____

Time: _____ Score: ____ /____

1)

$$7 - 1 + 7 - 6 + 4 + 7 =$$

2)

$$8 - 0 - 1 - 3 + 8 - 0 =$$

3)

$$6 - 2 + 5 - 1 - 8 + 2 =$$

4)

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

5)

$$5 + 0 + 9 - 5 + 3 - 8 =$$

6)

$$4 + 6 - 5 + 0 + 0 + 8 =$$

7)

$$3 - 3 + 5 + 5 - 8 + 7 =$$

8)

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

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9)

$$(8+1)+10+6-0-6=$$

10)

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

11)

$$(7-7)+(5-1)+0+6=$$

12)

$$(4+1)+(3-0)+8-3=$$

13)

$$(10-7-5+5+10-9)=$$

14)

$$(3+6-2-0)+6-10=$$

15)

$$(10+3-8)+(0+6+7)=$$

16)

$$10-3-(1-0)+(2+0)=$$

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17)

$$((8 + 33) - 7 + 14) + 58 - 53 =$$

18)

$$((60 - 53) + 34 - 23 + (44 - 17)) =$$

19)

$$(45 + 33 - (19 + 70 - 30) - 3) =$$

20)

$$(8 + 65 - 46) - ((90 + 2) - 68) =$$

21)

$$((74 - 72) - 7 + 39 + (82 - 20)) =$$

22)

$$((23 + 46) - 2) + 10 + 40 - 33 =$$

23)

$$((21 - 13 + 19)) - 22 + 16 + 40 =$$

24)

$$((64 - 2) - 20 + 46) - (35 - 3) =$$

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25)

$$17 - (-3) - 5 - 15 \div (-5) + 21 \div 7 - 12 =$$

26)

$$8 + 6 \times 4 \div (-4) - (-8) + 3 + (-12) - (-15) =$$

27)

$$4 \div 1 + 40 \div (-4) + 6 + 11 - 15 - 4 =$$

28)

$$9 - 17 - 0 \div 2 \div 10 \div 2 - 8 - (-14) =$$

29)

$$13 + (-5) - 4 \times 16 + (-7) - (-3) - 6 - 5 =$$

30)

$$4 + (-8) - (-7) \times 0 \times 14 \div (-7) + (-5) - (-12) =$$

31)

$$10 - 11 - 4 - (-5) - (-4) \times 0 \times 5 \div (-4) =$$

32)

$$4 - (-12) \times 0 \div (-7) \div (-15) \div 3 + (-13) + 12 =$$

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33)

$$23 - (-73) - 44 + (-92) - 35 \times 0 \div 9 \div (-100) \div 2 \div 10 =$$

34)

$$0 \times (-7) + (-6) - 10 \div 10 + 49 \div (-7) - (-2) \times (-7) - (-11) =$$

35)

$$2 + 66 \times 0 \div (-9) \times 3 \times (-1) + 0 \div 1 \div (-2) \div (-84) =$$

36)

$$49 \div (-7) + 0 - 50 \div 10 \times (-9) + 6 \times 4 + 58 - 51 =$$

37)

$$85 + (-93) + 47 \div 2 \times 0 \div 6 \times 8 \times (-5) \div 40 + (-75) =$$

38)

$$10 + (-40) \times 0 \times 1 \times (-21) \times 30 \div (-6) - 24 \div (-6) \times 0 =$$

39)

$$16 + (-34) - (-9) - (-18) - 21 \times 20 \div (-4) \times 24 \div 6 \div (-4) =$$

40)

$$3 \times 1 + 21 - 83 + 68 - (-6) + (-70) + 50 \div 5 + (-15) =$$

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41)

$$(9x - x + 0x - 0x \div (3x)) + 10x =$$

42)

$$(9x - 8x + 6x) - 4x + 7x - 7x =$$

43)

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

44)

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

45)

$$(4x + 5x) + 4x + 5x - (6x + 2x) =$$

46)

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

47)

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

48)

$$(10x - 3x) - 0x \div ((7x - 2x) \div (5x)) =$$

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49)

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

50)

$$7x \times 5 \div (5x - 0x \div ((9x \times 5))) =$$

51)

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

52)

$$(4x \times 4) - 5x + (10x - 6x - 2x) =$$

53)

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

54)

$$x \times 10 - (0x - 0x \times 2x) \div (45x) =$$

55)

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

56)

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

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57)

$$4 \div 4 + ((100x \div 10) - 4x) \div 3 =$$

58)

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

59)

$$8x + 6 - 2 - (3x \times 2 - 2x) =$$

60)

$$10 + 1 + ((10x - 7x + 8x - 4x)) =$$

61)

$$20 \div 2 + (35 \div 5 \times (5 - 4)) =$$

62)

$$((8 - 4) \times 4x) \div ((32 \div 8 + 4)) =$$

63)

$$((14x \div 7 \div (4x - 3x)) \times 9 \times 5) =$$

64)

$$((x + 4x - x) \div (9 - 1 \times 7)) =$$

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65)

$$(0x \times (-1x)) \div (10x + 8x) \times 8x + 6 =$$

66)

$$(19 - 3) \times (8x - 7x) + (7x - 6x) =$$

67)

$$(10x - 9x - (-3)) + (1 \times 3) - 9 =$$

68)

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

69)

$$(7x + 5x - 14) + 6x \times 3 + 10x =$$

70)

$$(0 \times 0 \times (-21x)) \div 2 + 13 + 7 =$$

71)

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

72)

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

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73)

$$(10x - 0y - 5x) - 0y - 0y - 5x =$$

74)

$$(3y - y + 0x) - (10x - 6x) + 6x =$$

75)

$$2x - 0x \div ((10y \times 1 \div (10y)) \times 7x) =$$

76)

$$7x + 0x \times (10y - 8y) + 5x - 5x =$$

77)

$$(6y - 0y \div (8x)) - 6y + 4y + 7y =$$

78)

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

79)

$$(8x - x) - 6x \div ((10y - y) \div (3y)) =$$

80)

$$7y - 0x - (6y \times 1) - 0y \div 10 =$$

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81)

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

82)

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

83)

$$(80y \div 8) \div (2y) \times (5y \div 5) - 2y =$$

84)

$$(8x + 0x) - 3x + 9x - 0y + 6x =$$

85)

$$(4x - 0y) - (9y + 3y - 10y) + 2y =$$

86)

$$(x + 9x) - (28x \div 4 + 0y + 3x) =$$

87)

$$27y \div 3 - (8y \times 1) + 10x - 9x =$$

88)

$$(3y - 0y \times 3x) + 10x + 45y \div 9 =$$

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89)

$$(6 \times 1 \div 3) \times (5 \times 10 \times 0y) =$$

90)

$$(3z - 0y) + 7y + 9y - 8y + y =$$

91)

$$(6y - 2y + 4y) + (5z \div 5) + 5x =$$

92)

$$(8y - 6y + 5y) \div 1 - 0x - 0z =$$

93)

$$(7x - 0x) - (z - z) + 8z - 6z =$$

94)

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

95)

$$(4z \times 0) \times 10x + 10x - 3x + 8y =$$

96)

$$(9y - 0z) \div (9y) \times 2y + (20y \div 10) =$$

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97)

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

98)

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

99)

$$(9y + 7y) \times (30 \div 10) - (40 \div 4) =$$

100)

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

101)

$$72x \div (-9) + (4y + 2y) + 10y + 1 =$$

102)

$$12 - y + (9y - 11 + 4y) + (-6x) =$$

103)

$$(3y - 0y - 1 \times (-7y)) + (-2y) + (-1) =$$

104)

$$7 \times (-5) \div ((5 + 0y \div (-4x)) - 10) =$$

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105) $10^2 =$

106) $10^2 =$

107) $4^2 =$

108) $10^2 =$

109) $7^2 =$

110) $3^2 =$

111) $3^2 =$

112) $6^2 =$

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113)

$10^2 =$

114)

$10^3 =$

115)

$10^6 =$

116)

$10^0 =$

117)

$10^2 =$

118)

$10^5 =$

119)

$10^3 =$

120)

$10^6 =$

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121)

$6^2 =$

122)

$2^5 =$

123)

$2^4 =$

124)

$8^3 =$

125)

$(-3)^4 =$

126)

$2^6 =$

127)

$2^7 =$

128)

$(-2)^8 =$

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129)

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

130)

$$(4x - 12) + (((0z \times (-4x)) - (-7))) - (6 + (-10)) + (-5) =$$

131)

$$(((0z \times (-3) \div (32y \div (-8)))) \times (2 + 1) \div (10 \times (-6))) =$$

132)

$$(56x \div 7 \times ((0 \div (-9)) \div ((7 \times (-4x))))) + 8x - (-10) =$$

133)

$$(0 - (-16) - 2 \times ((20 \div 5 \times 1))) \times 7z - (-9z) =$$

134)

$$(((0 \div (-3) \div (-1)))) - 1 - ((20x \div 2 + 10) \div 10) =$$

135)

$$0z \times 10 \div (9y) \times ((2 + 10z + (-10)) + (0z \times (-2))) =$$

136)

$$(4 \times 0z \div (-56y)) + 0y \times 3 \div ((((0 \times (-8y)) - 5))) =$$

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137)

$$(2y \times 0 - 0y \div (10x + (-5)) \times (7 - (-8x)) - 2) =$$

138)

$$((72 \div (-9) - (-9y)) - (6z - 4x) + 50 \div 5 - 0) =$$

139)

$$(((56 \div 7) \div 1)) + 9 \times 0 \times 3x + (-9z) - (-9) =$$

140)

$$(((0 \div 6) \div 2)) \div 5 \times (-9) \times (-2x) \times (-16x) \div (-4y) =$$

141)

$$(((4 \times 0x) - 9y)) - 4 + 6 + 4y \times 2z - 9 =$$

142)

$$(((8x \times 0x \times (-6z)))) \div (5x - 6) + 6 \times 8z - 3x =$$

143)

$$(((0 - (-1y) + (-3)) + (9y \times 2z)) - ((3z - (-3x)) - (-4y))) =$$

144)

$$18y \div 2 - 3 + (((24y \div (-4) - (-5z)))) - y + 5 =$$

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1)

$$9 \times 0 \times 12 + (-4) \div 1 - (-10) - 5 + 4 =$$

2)

$$(10x - 4x) + 8x - (x - x) - 7x =$$

3)

$$(8 \div 4 \times 3x) + x - (30x \div (-6)) =$$

4)

$$10z - 0z \times (24x \div 6) \div (50y \div 5) =$$

5)

$$(5 + (-3)) + (-2) + (16x \div 8) \times 2 =$$

6)

$$9^2 =$$

7)

$$10^3 =$$

8)

$$0^5 =$$

Name: _____

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1)

$$45 \div (-5) - (-10) \times 48 \div 6 + 14 - 12 + 0 =$$

2)

$$(36x \div 9) + (5x - x - 4x) + 9x =$$

3)

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

4)

$$9y + 0z \div ((2x \div 1) + 5x) \div (30z) =$$

5)

$$48 \div 8 \times (2 \times 4) \times x - 5 =$$

6)

$$4^2 =$$

7)

$$10^0 =$$

8)

$$(-2)^9 =$$

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1)

$$3 - 4 - (-10) - 2 - 4 + (-3) \div 3 + (-12) =$$

2)

$$(8x - 8x) \div (5x) \div (8x) \div (8x) + 7x =$$

3)

$$(7x \div (-1)) + (0x \times (-4x) \times (-1)) \div (-24) =$$

4)

$$(56y \div 8) - 6y + 7x + 4y \div 2 =$$

5)

$$(1y + 0x) - 5 - (9 \div (-9)) \times (-6x) =$$

6)

$$6^2 =$$

7)

$$10^2 =$$

8)

$$(-1)^{10} =$$

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1	**2**	**3**	**4**
18	12	2	15
5	**6**	**7**	**8**
4	13	9	9
9	**10**	**11**	**12**
19	9	10	13
13	**14**	**15**	**16**
4	3	18	8
17	**18**	**19**	**20**
53	45	16	3
21	**22**	**23**	**24**
96	84	61	56
25	**26**	**27**	**28**
9	16	-8	-2
29	**30**	**31**	**32**
-71	3	0	3
33	**34**	**35**	**36**
-40	-17	2	69
37	**38**	**39**	**40**
-83	10	-96	-60
41	**42**	**43**	**44**
$18x$	$3x$	1	1
45	**46**	**47**	**48**
$10x$	$6x$	$3x$	$7x$
49	**50**	**51**	**52**
$3x$	7	$3x$	$13x$
53	**54**	**55**	**56**
$2x$	$10x$	1	$8x$
57	**58**	**59**	**60**
$2x + 1$	10	$4x + 4$	$7x + 11$
61	**62**	**63**	**64**
17	$2x$	90	$2x$
65	**66**	**67**	**68**
6	$17x$	$x - 3$	$-2x - 9$

69	**70**	**71**	**72**
$40x - 14$	20	-6	$6x + 6$
73	**74**	**75**	**76**
0	$2x + 2y$	$2x$	$7x$
77	**78**	**79**	**80**
$11y$	1	$5x$	y
81	**82**	**83**	**84**
$2x + 13y$	$10x + 7y$	$3y$	$20x$
85	**86**	**87**	**88**
$4x$	0	$x + y$	$10x + 8y$
89	**90**	**91**	**92**
0	$9y + 3z$	$5x + 8y + z$	$7y$
93	**94**	**95**	**96**
$7x + 2z$	$36y$	$7x + 8y$	$4y$
97	**98**	**99**	**100**
5	$y - 2$	$48y - 10$	$7x - 9y + 1$
101	**102**	**103**	**104**
$-8x + 16y + 1$	$-6x + 12y + 1$	$8y - 1$	7
105	**106**	**107**	**108**
100	100	16	100
109	**110**	**111**	**112**
49	9	9	36
113	**114**	**115**	**116**
100	1000	1000000	1
117	**118**	**119**	**120**
100	100000	1000	1000000
121	**122**	**123**	**124**
36	32	16	512
125	**126**	**127**	**128**
81	64	128	256
129	**130**	**131**	**132**
5	$4x - 6$	0	$8x + 10$
133	**134**	**135**	**136**
$65z$	$-x - 2$	0	0

137	**138**	**139**	**140**
-2	$4x + 9y - 6z + 2$	$-9z + 17$	0
141	**142**	**143**	**144**
$8yz - 9y - 7$	$-3x + 48z$	$-3x+18yz-3y-3z-3$	$2y + 5z + 2$

SOLUTIONS: TEST 1

1	**2**	**3**	**4**
5	$7x$	$12x$	$10z$
5	**6**	**7**	**8**
$4x$	81	1000	0

SOLUTIONS: TEST 2

1	**2**	**3**	**4**
73	$13x$	$2x$	$9y$
5	**6**	**7**	**8**
$48x - 5$	16	1	-512

SOLUTIONS: TEST 3

1	**2**	**3**	**4**
-10	$7x$	$-7x$	$7x + 3y$
5	**6**	**7**	**8**
$-6x + y - 5$	36	100	1