



CONSORTIUM FOR WORKER EDUCATION

IBEW LOCAL 3 ENTRANCE EXAM PRACTICE PROBLEMS

Consortium for Worker Education

275 Seventh Avenue 18th fl.

New York, NY 10001

Phone: 212-647-1900

Fax: 212-647-1916



1. $-5 - (-1) =$
2. $+4 + +5 =$
3. $0 + (-2) =$
4. $+9 - +1 =$
5. $3 - 7 =$
6. $1 + 7 =$
7. $8 - 9 =$
8. $+2 - -1 =$
9. $+8 - +6 =$
10. $6 + 1 =$
11. $6 - 3 =$
12. $-2 - (-5) =$
13. $+2 - +9 =$
14. $+8 - +8 =$
15. $+9 + +4 =$
16. $4 + (-6) =$
17. $+8 - -5 =$
18. $-8 + (-3) =$
19. $0 - 8 =$
20. $3 + 8 =$

21. $-80 + (-52) =$
22. $-6 - -25 =$
23. $-11 - 96 =$
24. $-19 + (-83) =$
25. $-67 - (-48) =$
26. $-51 + -8 =$
27. $-1 + 86 =$
28. $-37 - 62 =$
29. $-6 - (-78) =$
30. $+67 + +72 =$
31. $-97 + (-78) =$
32. $+60 + -79 =$
33. $+89 + +4 =$
34. $+19 - +1 =$
35. $+77 + +32 =$
36. $+99 - +19 =$
37. $-77 + -34 =$
38. $-26 + 83 =$
39. $-15 - +79 =$
40. $-35 + +27 =$

41. $136 - (-103) =$
42. $-89 + +41 =$
43. $-109 + (-52) =$
44. $-5 + 151 =$
45. $-5 - 114 =$
46. $+138 + -101 =$
47. $+111 + +27 =$
48. $-79 + +71 =$
49. $+75 - -110 =$
50. $-173 - (-26) =$
51. $+132 - +25 =$
52. $-15 - +37 =$
53. $+58 + -86 =$
54. $-64 - (-135) =$
55. $51 + (-107) =$
56. $165 - (-83) =$
57. $-98 + -184 =$
58. $75 - (-154) =$
59. $+198 - +55 =$
60. $-8 - +49 =$

61. the opposite of eight less than six equals
62. the opposite of seven less than the opposite of eight equals
63. the opposite of four less than the opposite of seven equals
64. the opposite of seven less than the opposite of eight equals
65. the opposite of four more than eight equals
66. the opposite of two more than two equals
67. the opposite of two more than the opposite of two equals
68. nine more than the opposite of three equals
69. the opposite of six less than five equals
70. seven less than the opposite of two equals
71. three less than six equals
72. the opposite of two more than the opposite of six equals
73. the opposite of four more than five equals
74. the opposite of one more than the opposite of three equals
75. eight less than the opposite of nine equals
76. four less than six equals
77. nine more than three equals
78. the opposite of four less than the opposite of two equals
79. eight more than six equals
80. zero less than seven equals
81. fifty-four more than two equals
82. the opposite of sixty-two more than the opposite of seventy-one equals
83. the opposite of twenty-one less than the opposite of sixty-nine equals
84. the opposite of twenty-three more than twelve equals
85. sixty-nine less than the opposite of one equals
86. the opposite of eighty-nine more than the opposite of seventy equals
87. the opposite of twenty-seven more than eighty-six equals
88. forty-one less than six equals
89. the opposite of ten less than the opposite of sixty-nine equals
90. the opposite of thirty-two more than fifty-five equals
91. seventy more than the opposite of sixteen equals
92. eighty-nine more than nineteen equals
93. the opposite of eighty-two more than forty-three equals
94. ninety-nine less than the opposite of sixty-eight equals
95. eleven more than the opposite of eighty-two equals
96. the opposite of sixty-six less than eighty-four equals
97. ninety-five more than the opposite of thirty-nine equals
98. eighteen less than the opposite of sixteen equals
99. the opposite of forty-one less than thirty-three equals
100. the opposite of thirty-three more than ninety-nine equals

$$101. \quad -8 \times -6 =$$

$$102. \quad (-2) \quad (7) =$$

$$103. \quad 5 \bullet 1 =$$

$$104. \quad -6 \bullet 1 =$$

$$105. \quad -8 \times 7 =$$

$$106. \quad 2 \times 9 =$$

$$107. \quad (4) \quad (6) =$$

$$108. \quad 5 \times 4 =$$

$$109. \quad (0) \quad (2) =$$

$$110. \quad (8) \quad (0) =$$

$$111. \quad 3 \times -4 =$$

$$112. \quad (2) \quad (-8) =$$

$$113. \quad 6 \bullet 7 =$$

$$114. \quad (6) \quad (-8) =$$

$$115. \quad -1 \bullet -7 =$$

$$116. \quad -8 \bullet 4 =$$

$$117. \quad (-9) \quad (-2) =$$

$$118. \quad -5 \times -6 =$$

$$119. \quad (2) \quad (9) =$$

$$120. \quad -1 \bullet 1 =$$

$$121. \quad (36) \quad (95) =$$

$$122. \quad (20) \quad (11) =$$

$$123. \quad -36 \times -6 =$$

$$124. \quad 72 \bullet 37 =$$

$$125. \quad -28 \times -15 =$$

$$126. \quad (34) \quad (87) =$$

$$127. \quad (89) \quad (47) =$$

$$128. \quad 26 \bullet 68 =$$

$$129. \quad (12) \quad (-46) =$$

$$130. \quad -87 \bullet 59 =$$

$$131. \quad -92 \bullet 9 =$$

$$132. \quad -66 \bullet 94 =$$

$$133. \quad -19 \times 93 =$$

$$134. \quad -31 \bullet -60 =$$

$$135. \quad -9 \bullet -30 =$$

$$136. \quad -41 \bullet 66 =$$

$$137. \quad (-21) \quad (-1) =$$

$$138. \quad (-33) \quad (98) =$$

$$139. \quad (21) \quad (65) =$$

$$140. \quad (58) \quad (-62) =$$

$$141. \quad -21 / 21 =$$

$$142. \quad 195 \div -65 =$$

$$143. \quad 99 \div 11 =$$

$$144. \quad 126 / -42 =$$

$$145. \quad 90 / 10 =$$

$$146. \quad 810 / -90 =$$

$$147. \quad 90 / -10 =$$

$$148. \quad 760 \div -95 =$$

$$149. \quad 80 \div -10 =$$

$$150. \quad -72 \div -12 =$$

$$151. \quad -603 \div 67 =$$

$$152. \quad -126 \div -42 =$$

$$153. \quad 44 \div -44 =$$

$$154. \quad -18 \div 9 =$$

$$155. \quad -80 \div 40 =$$

$$156. \quad 96 / 24 =$$

$$157. \quad -192 / 64 =$$

$$158. \quad -595 \div 85 =$$

$$159. \quad 102 \div 34 =$$

$$160. \quad 301 \div -43 =$$

161. the product of the opposite of seventeen and the opposite of twenty-two equals
162. the product of fifty-nine and the opposite of thirty-six equals
163. the product of the opposite of forty-nine and ninety-nine equals
164. the product of seventy-six and the opposite of thirty-seven equals
165. the product of seventy and fifty-eight equals
166. the product of the opposite of forty-eight and the opposite of seventy-seven equals
167. the product of sixty-four and six equals
168. the product of twenty-three and the opposite of forty-eight equals
169. the product of the opposite of fifty and six equals
170. the product of eighty and the opposite of eighty-six equals
171. the product of the opposite of sixty-one and seventy-seven equals
172. the product of the opposite of sixty-four and the opposite of thirty-nine equals
173. the product of thirty-nine and the opposite of forty-two equals
174. the product of the opposite of seventy-eight and fifty equals
175. the product of the opposite of nine and ninety-four equals
176. the product of sixty-seven and the opposite of nine equals
177. the product of the opposite of forty-eight and ninety-six equals
178. the product of fourteen and sixty-three equals
179. the product of the opposite of seventy-nine and seventeen equals
180. the product of the opposite of seventeen and the opposite of ninety-three equals
181. the quotient of the opposite of ninety-nine and sixteen equals
182. the quotient of sixty and thirty equals
183. the quotient of ninety-nine and the opposite of sixty-three equals
184. the quotient of the opposite of ninety-nine and the opposite of eighty-seven equals
185. the quotient of the opposite of ninety-nine and ninety-seven equals

1. $-1 + (-2) =$

2. $7 + 2 =$

3. $-8 + (-6) =$

4. $-3 - 2 =$

5. $-5 + (-8) =$

6. $-8 - 4 =$

7. $-2 + -3 =$

8. $+8 - -7 =$

9. $0 + (-4) =$

10. $8 - 1 =$

11. $+8 + +5 =$

12. $-5 + 3 =$

13. $+4 - -6 =$

14. $-6 + +9 =$

15. $+8 + +4 =$

16. $-8 + 8 =$

17. $2 - (-6) =$

18. $-7 + +1 =$

19. $-3 - -7 =$

20. $8 - 4 =$

21. $-90 - -94 =$

22. $-85 - +26 =$

23. $-78 + -98 =$

24. $-64 - 14 =$

25. $+70 + +22 =$

26. $+46 + +93 =$

27. $-25 + 95 =$

28. $-82 - -50 =$

29. $92 - (-76) =$

30. $71 + 9 =$

31. $26 - 24 =$

32. $-87 - (-50) =$

33. $-14 - (-96) =$

34. $+48 + +57 =$

35. $5 - 54 =$

36. $+66 - -15 =$

37. $74 - 78 =$

38. $+0 + +65 =$

39. $+62 + -74 =$

40. $+65 - +20 =$

41. $43 - 51 =$

42. $-30 - +106 =$

43. $172 - 172 =$

44. $+79 + -157 =$

45. $151 + 129 =$

46. $+55 + -179 =$

47. $196 + 164 =$

48. $-46 - +177 =$

49. $-68 - 169 =$

50. $-15 + -199 =$

51. $-153 + (-153) =$

52. $-11 - -48 =$

53. $-158 - 112 =$

54. $-79 + (-53) =$

55. $-9 - +5 =$

56. $+25 - +199 =$

57. $+172 + -30 =$

58. $+8 + -157 =$

59. $-26 - 7 =$

60. $+174 - +47 =$

61. the opposite of one less than zero equals
62. zero more than three equals
63. the opposite of six less than five equals
64. two more than four equals
65. seven more than seven equals
66. the opposite of six less than six equals
67. the opposite of three less than the opposite of six equals
68. the opposite of five less than eight equals
69. one less than four equals
70. the opposite of one more than two equals
71. the opposite of six more than nine equals
72. two more than the opposite of three equals
73. the opposite of five more than the opposite of nine equals
74. the opposite of nine less than five equals
75. the opposite of two less than the opposite of six equals
76. the opposite of six less than two equals
77. two less than nine equals
78. two less than the opposite of two equals
79. three less than the opposite of two equals
80. two more than the opposite of two equals
81. twenty-two more than eighty-four equals
82. the opposite of sixty-six less than the opposite of twenty-four equals
83. the opposite of seventy less than sixty-six equals
84. the opposite of fifty-eight more than zero equals
85. the opposite of seventy-seven less than the opposite of four equals
86. seventy-nine more than twenty equals
87. forty-two more than twenty-five equals
88. the opposite of fifteen less than the opposite of thirty-eight equals
89. seventy-three less than sixty-two equals
90. the opposite of sixty-six more than four equals
91. thirty-two less than the opposite of ninety-three equals
92. sixty less than thirty-nine equals
93. the opposite of twenty-six more than fourteen equals
94. sixteen more than the opposite of eighty-six equals
95. the opposite of sixty-nine more than the opposite of eleven equals
96. one less than ninety-seven equals
97. the opposite of sixty-eight less than the opposite of eighty-eight equals
98. forty-seven more than the opposite of fifty-seven equals
99. the opposite of eighty-six less than the opposite of eighty-three equals
100. the opposite of five less than the opposite of eighty-two equals

$$101. \quad -9 \times 2 =$$

$$102. \quad 0 \times -8 =$$

$$103. \quad (-2) \quad (4) =$$

$$104. \quad (9) \quad (-8) =$$

$$105. \quad (-7) \quad (-7) =$$

$$106. \quad (5) \quad (0) =$$

$$107. \quad -3 \times -3 =$$

$$108. \quad -4 \times 8 =$$

$$109. \quad 2 \times 1 =$$

$$110. \quad 9 \bullet 0 =$$

$$111. \quad -3 \bullet -8 =$$

$$112. \quad -7 \bullet 5 =$$

$$113. \quad (4) \quad (1) =$$

$$114. \quad -4 \times -7 =$$

$$115. \quad -2 \times -8 =$$

$$116. \quad -1 \times -7 =$$

$$117. \quad (3) \quad (-4) =$$

$$118. \quad (3) \quad (-6) =$$

$$119. \quad (-2) \quad (7) =$$

$$120. \quad (3) \quad (4) =$$

$$121. \quad (22) \quad (-72) =$$

$$122. \quad 24 \bullet 82 =$$

$$123. \quad (53) \quad (31) =$$

$$124. \quad (79) \quad (-25) =$$

$$125. \quad (-14) \quad (68) =$$

$$126. \quad (-3) \quad (-60) =$$

$$127. \quad 29 \bullet -22 =$$

$$128. \quad 92 \bullet -12 =$$

$$129. \quad -64 \bullet 65 =$$

$$130. \quad -17 \bullet -67 =$$

$$131. \quad (19) \quad (-91) =$$

$$132. \quad -30 \times 96 =$$

$$133. \quad -76 \bullet 2 =$$

$$134. \quad 34 \times -56 =$$

$$135. \quad (92) \quad (72) =$$

$$136. \quad (6) \quad (57) =$$

$$137. \quad (-26) \quad (-13) =$$

$$138. \quad 82 \times 41 =$$

$$139. \quad (-90) \quad (-82) =$$

$$140. \quad (50) \quad (16) =$$

$$141. \quad 76 \div -38 =$$

$$142. \quad 136 \div -68 =$$

$$143. \quad 88 / 11 =$$

$$144. \quad 408 \div 68 =$$

$$145. \quad -343 \div -49 =$$

$$146. \quad 240 / -40 =$$

$$147. \quad 264 \div 66 =$$

$$148. \quad -396 / 44 =$$

$$149. \quad -290 \div 58 =$$

$$150. \quad 205 / -41 =$$

$$151. \quad -4 \div -4 =$$

$$152. \quad 336 / -42 =$$

$$153. \quad -152 \div -38 =$$

$$154. \quad 154 \div 22 =$$

$$155. \quad -160 \div -20 =$$

$$156. \quad 455 \div 65 =$$

$$157. \quad -462 / -77 =$$

$$158. \quad -120 \div -60 =$$

$$159. \quad 160 / -32 =$$

$$160. \quad -134 / 67 =$$

161. the product of ninety-three and eighty-two equals
162. the product of the opposite of sixty and the opposite of fifteen equals
163. the product of the opposite of sixty-eight and seventy-one equals
164. the product of thirty-four and the opposite of fifty-six equals
165. the product of the opposite of ten and the opposite of seventy-one equals
166. the product of the opposite of six and ninety-seven equals
167. the product of the opposite of thirty-five and the opposite of eighty-seven equals
168. the product of thirty-four and the opposite of fifty-eight equals
169. the product of seventy-six and forty-five equals
170. the product of the opposite of eighty-four and thirteen equals
171. the product of seventy-three and forty-four equals
172. the product of the opposite of eighty-seven and seventy-eight equals
173. the product of the opposite of fifty-two and the opposite of thirty-nine equals
174. the product of the opposite of eighty-four and the opposite of forty-five equals
175. the product of the opposite of sixty-three and the opposite of fifty-seven equals
176. the product of forty-three and the opposite of thirty equals
177. the product of three and the opposite of twenty-four equals
178. the product of fifty-seven and the opposite of thirty-four equals
179. the product of ninety-three and the opposite of eighty-three equals
180. the product of nine and the opposite of forty-one equals
181. the quotient of the opposite of ninety-nine and forty-seven equals
182. the quotient of the opposite of ninety-nine and the opposite of thirty-eight equals
183. the quotient of the opposite of forty-eight and the opposite of eight equals
184. the quotient of ninety-nine and ninety equals
185. the quotient of the opposite of ninety-nine and thirty-five equals

1. $-1 + -2 =$
2. $-5 + -9 =$
3. $+4 - +7 =$
4. $-2 - (-6) =$
5. $8 + 9 =$
6. $+9 + -2 =$
7. $+6 + -4 =$
8. $8 + 8 =$
9. $2 - (-5) =$
10. $+0 - -2 =$
11. $-9 + -1 =$
12. $4 - (-2) =$
13. $9 - (-3) =$
14. $-1 - 5 =$
15. $-9 + (-5) =$
16. $6 + 2 =$
17. $-5 + (0) =$
18. $-6 - 9 =$
19. $-1 - 1 =$
20. $-2 - +8 =$

21. $+10 - +52 =$
22. $58 + 91 =$
23. $19 - (-41) =$
24. $38 + 5 =$
25. $78 + 98 =$
26. $31 - (-7) =$
27. $-91 + (-19) =$
28. $-47 + 8 =$
29. $-91 - 41 =$
30. $59 - 68 =$
31. $43 - 70 =$
32. $-34 - +55 =$
33. $-65 - +99 =$
34. $-85 - (-83) =$
35. $-14 + (-17) =$
36. $2 - (-79) =$
37. $+78 - -3 =$
38. $-30 - (-99) =$
39. $-79 - (-10) =$
40. $-23 - 22 =$

41. $-6 - -176 =$
42. $-186 + (-115) =$
43. $+116 + +125 =$
44. $+171 + +167 =$
45. $+92 + -76 =$
46. $+61 + -76 =$
47. $24 + 9 =$
48. $+13 + +20 =$
49. $-59 + -60 =$
50. $+49 + +85 =$
51. $-117 + -78 =$
52. $147 - 47 =$
53. $-111 - (-151) =$
54. $-169 - (-25) =$
55. $1 - 124 =$
56. $176 + 66 =$
57. $+180 - -100 =$
58. $+122 + -88 =$
59. $+71 + -61 =$
60. $+142 - +113 =$

61. zero more than the opposite of eight equals
62. seven more than the opposite of one equals
63. the opposite of three less than zero equals
64. the opposite of two more than the opposite of one equals
65. the opposite of seven less than the opposite of eight equals
66. three more than seven equals
67. zero less than seven equals
68. two more than eight equals
69. two less than the opposite of eight equals
70. the opposite of seven less than one equals
71. seven more than the opposite of seven equals
72. three more than three equals
73. the opposite of nine less than the opposite of eight equals
74. the opposite of eight less than four equals
75. seven more than five equals
76. the opposite of two more than nine equals
77. four more than the opposite of three equals
78. zero more than two equals
79. three more than six equals
80. the opposite of one less than two equals
81. eighty-seven more than the opposite of fifty equals
82. thirty-four less than the opposite of ninety-seven equals
83. thirty-eight more than the opposite of ninety-one equals
84. thirty-seven less than the opposite of twenty-three equals
85. the opposite of one less than thirty-three equals
86. the opposite of seven more than the opposite of eighteen equals
87. the opposite of twenty-four less than seventy-six equals
88. fifty-nine more than ninety-three equals
89. ninety-five more than ninety-five equals
90. eighty less than ten equals
91. the opposite of fifty-five less than the opposite of sixty-seven equals
92. the opposite of eight less than the opposite of eight equals
93. the opposite of ten less than the opposite of twenty-six equals
94. the opposite of eleven more than zero equals
95. the opposite of forty-six less than ninety-four equals
96. the opposite of twenty-four less than sixty-six equals
97. the opposite of eighty-nine more than ninety-three equals
98. the opposite of ninety-seven less than seventy-five equals
99. two more than fifty-one equals
100. the opposite of thirty-three more than ninety-seven equals

$$101. \quad 5 \times 8 =$$

$$102. \quad 9 \cdot 6 =$$

$$103. \quad (-1) \quad (4) =$$

$$104. \quad (2) \quad (3) =$$

$$105. \quad (0) \quad (-6) =$$

$$106. \quad (3) \quad (-2) =$$

$$107. \quad (-1) \quad (-7) =$$

$$108. \quad -5 \times 0 =$$

$$109. \quad 4 \times 0 =$$

$$110. \quad (-6) \quad (-6) =$$

$$111. \quad (-4) \quad (-8) =$$

$$112. \quad (3) \quad (-6) =$$

$$113. \quad (8) \quad (0) =$$

$$114. \quad 2 \cdot -1 =$$

$$115. \quad -4 \times -2 =$$

$$116. \quad -1 \cdot -4 =$$

$$117. \quad 1 \times -1 =$$

$$118. \quad (9) \quad (-1) =$$

$$119. \quad -4 \cdot 3 =$$

$$120. \quad -1 \times 7 =$$

$$121. \quad (60) \quad (-55) =$$

$$122. \quad 39 \cdot -58 =$$

$$123. \quad (-5) \quad (-82) =$$

$$124. \quad 98 \cdot 59 =$$

$$125. \quad 21 \cdot 99 =$$

$$126. \quad -43 \times 70 =$$

$$127. \quad (-46) \quad (81) =$$

$$128. \quad (84) \quad (-36) =$$

$$129. \quad -26 \times 29 =$$

$$130. \quad 2 \times 39 =$$

$$131. \quad (-9) \quad (63) =$$

$$132. \quad 24 \cdot 90 =$$

$$133. \quad -60 \cdot -16 =$$

$$134. \quad 22 \cdot -12 =$$

$$135. \quad (57) \quad (79) =$$

$$136. \quad 24 \cdot -67 =$$

$$137. \quad -65 \cdot 74 =$$

$$138. \quad 49 \times 72 =$$

$$139. \quad 61 \cdot 41 =$$

$$140. \quad -13 \times -55 =$$

$$141. \quad 198 / -22 =$$

$$142. \quad 106 / 53 =$$

$$143. \quad 12 / 3 =$$

$$144. \quad -644 / 92 =$$

$$145. \quad 141 \div 47 =$$

$$146. \quad -13 \div -13 =$$

$$147. \quad 837 / -93 =$$

$$148. \quad 63 \div 9 =$$

$$149. \quad -186 \div 31 =$$

$$150. \quad 765 / -85 =$$

$$151. \quad -84 / 42 =$$

$$152. \quad 371 \div -53 =$$

$$153. \quad -273 / 91 =$$

$$154. \quad -623 \div -89 =$$

$$155. \quad -760 \div 95 =$$

$$156. \quad -196 \div 28 =$$

$$157. \quad -6 \div 6 =$$

$$158. \quad 144 \div -48 =$$

$$159. \quad -90 / 90 =$$

$$160. \quad -385 \div 55 =$$

161. the product of the opposite of five and the opposite of eighty-two equals
162. the product of the opposite of twenty-seven and the opposite of fifty-seven equals
163. the product of the opposite of twenty-eight and three equals
164. the product of seventy-four and ninety-six equals
165. the product of fifty-two and forty-eight equals
166. the product of the opposite of fifty-two and the opposite of twenty equals
167. the product of sixty-five and ten equals
168. the product of the opposite of sixty-three and the opposite of eighty-two equals
169. the product of the opposite of twenty-seven and fifty equals
170. the product of the opposite of eighteen and the opposite of eighty-five equals
171. the product of fifty and nineteen equals
172. the product of the opposite of forty and forty-nine equals
173. the product of eighty-nine and the opposite of eighty-eight equals
174. the product of eighty-four and the opposite of one equals
175. the product of eighty and forty-eight equals
176. the product of seventy-eight and sixty-five equals
177. the product of thirty-nine and ninety equals
178. the product of fifty-one and fifty-seven equals
179. the product of seventy-two and the opposite of fifty-two equals
180. the product of the opposite of two and the opposite of fifty-eight equals
181. the quotient of the opposite of ninety-nine and the opposite of fifty-eight equals
182. the quotient of the opposite of ten and the opposite of five equals
183. the quotient of the opposite of ninety-nine and the opposite of fifty equals
184. the quotient of the opposite of two and the opposite of two equals
185. the quotient of ninety and the opposite of ten equals

1. $5 - (-2) =$
2. $8 - (-7) =$
3. $-1 - (-7) =$
4. $-6 + 8 =$
5. $+2 - -1 =$
6. $-5 - -3 =$
7. $-1 - 3 =$
8. $-4 + (-3) =$
9. $+7 - +5 =$
10. $-4 - -8 =$
11. $+4 + +1 =$
12. $-8 + +5 =$
13. $0 + 7 =$
14. $2 - 3 =$
15. $-8 - +0 =$
16. $+0 - +3 =$
17. $-5 + -4 =$
18. $-7 - -5 =$
19. $8 - 6 =$
20. $7 + (-2) =$

21. $-62 - (-3) =$
22. $-87 - +32 =$
23. $+99 + -14 =$
24. $32 + (-17) =$
25. $+74 + -20 =$
26. $8 + 37 =$
27. $6 + (-41) =$
28. $-50 - (-98) =$
29. $-85 - 9 =$
30. $-4 - (-20) =$
31. $+68 - -75 =$
32. $-9 + 60 =$
33. $21 + (-22) =$
34. $-3 - (-55) =$
35. $-41 - -61 =$
36. $20 - (-83) =$
37. $82 - 29 =$
38. $+22 - +69 =$
39. $+68 - -80 =$
40. $-20 + (-22) =$

41. $-11 - (-119) =$
42. $-2 - -127 =$
43. $114 - (-109) =$
44. $-99 - 199 =$
45. $-64 + -64 =$
46. $-157 - -84 =$
47. $186 - (-133) =$
48. $-194 - +3 =$
49. $60 + 20 =$
50. $-93 - (-104) =$
51. $-188 - +192 =$
52. $-94 + (-79) =$
53. $-147 - (-46) =$
54. $-152 - (-148) =$
55. $-179 - (-15) =$
56. $146 + 112 =$
57. $36 - (-122) =$
58. $-60 - 41 =$
59. $-32 - -121 =$
60. $-73 - 55 =$

61. four more than four equals
62. the opposite of three less than the opposite of four equals
63. the opposite of seven more than zero equals
64. the opposite of three more than four equals
65. the opposite of one more than eight equals
66. five less than the opposite of four equals
67. the opposite of six less than three equals
68. the opposite of five more than zero equals
69. four less than four equals
70. the opposite of three more than seven equals
71. four more than the opposite of one equals
72. zero less than the opposite of nine equals
73. five less than the opposite of seven equals
74. the opposite of six less than three equals
75. the opposite of nine more than the opposite of seven equals
76. zero less than the opposite of four equals
77. the opposite of two more than the opposite of three equals
78. five more than one equals
79. four less than the opposite of three equals
80. seven less than the opposite of three equals
81. the opposite of eighty-four less than the opposite of eighteen equals
82. sixty-six less than the opposite of seventy-nine equals
83. the opposite of forty-four less than ninety-five equals
84. the opposite of thirty-eight more than sixty-seven equals
85. the opposite of twenty-eight more than twenty-nine equals
86. twenty-seven more than sixty-seven equals
87. the opposite of seventy-six less than seventy-one equals
88. eighty-six more than twenty-eight equals
89. thirty-five more than the opposite of fourteen equals
90. the opposite of forty-six less than twenty-four equals
91. the opposite of seventeen less than the opposite of eighty-eight equals
92. seventy-six less than sixty-two equals
93. the opposite of twelve more than the opposite of two equals
94. ninety-four more than the opposite of eighty-eight equals
95. seventy-five less than the opposite of twenty-nine equals
96. the opposite of six less than fifty equals
97. the opposite of twenty-two more than the opposite of fifteen equals
98. fifteen more than forty-nine equals
99. fourteen less than the opposite of ninety-nine equals
100. the opposite of seventy-eight less than five equals

$$101. \quad -6 \bullet -5 =$$

$$102. \quad (3) \quad (5) =$$

$$103. \quad 3 \times -7 =$$

$$104. \quad (3) \quad (1) =$$

$$105. \quad 0 \times -9 =$$

$$106. \quad (6) \quad (9) =$$

$$107. \quad 5 \bullet -6 =$$

$$108. \quad -6 \bullet 5 =$$

$$109. \quad -1 \times 3 =$$

$$110. \quad (-1) \quad (-6) =$$

$$111. \quad (8) \quad (8) =$$

$$112. \quad -9 \bullet 7 =$$

$$113. \quad (3) \quad (-5) =$$

$$114. \quad 6 \bullet -6 =$$

$$115. \quad -4 \bullet -8 =$$

$$116. \quad 7 \bullet -4 =$$

$$117. \quad (-6) \quad (0) =$$

$$118. \quad (9) \quad (-4) =$$

$$119. \quad (7) \quad (0) =$$

$$120. \quad (6) \quad (-4) =$$

$$121. \quad -1 \bullet -99 =$$

$$122. \quad (-92) \quad (-50) =$$

$$123. \quad -49 \bullet -49 =$$

$$124. \quad (-32) \quad (93) =$$

$$125. \quad -96 \times -57 =$$

$$126. \quad (-28) \quad (-90) =$$

$$127. \quad -68 \bullet 27 =$$

$$128. \quad 80 \bullet -99 =$$

$$129. \quad (-17) \quad (23) =$$

$$130. \quad (99) \quad (-23) =$$

$$131. \quad -18 \times -20 =$$

$$132. \quad (26) \quad (-41) =$$

$$133. \quad -93 \times 81 =$$

$$134. \quad -66 \bullet 73 =$$

$$135. \quad 47 \bullet -35 =$$

$$136. \quad -43 \bullet -28 =$$

$$137. \quad 65 \times -72 =$$

$$138. \quad 52 \times -97 =$$

$$139. \quad 52 \times 35 =$$

$$140. \quad (-68) \quad (-77) =$$

$$141. \quad -92 / 46 =$$

$$142. \quad 592 / 74 =$$

$$143. \quad 44 \div 11 =$$

$$144. \quad -72 / -72 =$$

$$145. \quad 171 / 57 =$$

$$146. \quad -390 \div -65 =$$

$$147. \quad -152 / -38 =$$

$$148. \quad -516 / -86 =$$

$$149. \quad -252 \div -28 =$$

$$150. \quad 81 / -27 =$$

$$151. \quad 306 / -34 =$$

$$152. \quad -864 \div 96 =$$

$$153. \quad 330 \div 55 =$$

$$154. \quad -305 / 61 =$$

$$155. \quad 5 / -1 =$$

$$156. \quad -245 \div -35 =$$

$$157. \quad 126 / 42 =$$

$$158. \quad -462 \div 77 =$$

$$159. \quad 297 \div 99 =$$

$$160. \quad -96 \div -32 =$$

161. the product of the opposite of sixty-two and the opposite of two equals
162. the product of the opposite of thirty-six and the opposite of sixty equals
163. the product of seventy-two and sixty-nine equals
164. the product of the opposite of sixty-three and eighty-five equals
165. the product of the opposite of fifty-four and eighty-five equals
166. the product of forty-one and the opposite of five equals
167. the product of forty-six and the opposite of seventy-eight equals
168. the product of eighty-three and fifty-eight equals
169. the product of the opposite of sixty-four and the opposite of sixty-nine equals
170. the product of the opposite of thirty and five equals
171. the product of the opposite of ninety-one and the opposite of seventy-eight equals
172. the product of the opposite of ten and the opposite of four equals
173. the product of two and the opposite of seventy-two equals
174. the product of the opposite of nine and the opposite of eighty-nine equals
175. the product of forty-one and seventy-six equals
176. the product of the opposite of eighty-four and eighty-three equals
177. the product of the opposite of forty-two and the opposite of thirty-nine equals
178. the product of the opposite of sixty-four and three equals
179. the product of seventy-eight and the opposite of four equals
180. the product of the opposite of seventy-eight and the opposite of twenty-six equals
181. the quotient of sixty-three and seven equals
182. the quotient of ten and the opposite of ten equals
183. the quotient of the opposite of ninety-nine and twenty-two equals
184. the quotient of the opposite of ninety-nine and eighty-eight equals
185. the quotient of the opposite of ninety-nine and ninety equals

Numerical Sequences

Find the missing number

- | | | | | | | |
|-----|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 1. | 37 | 20 | 4 | -11 | <input type="text"/> | -38 |
| 2. | -59 | -48 | -36 | <input type="text"/> | -9 | 6 |
| 3. | 57 | 67 | 77 | <input type="text"/> | 97 | 107 |
| 4. | 51 | 69 | <input type="text"/> | 108 | 129 | 151 |
| 5. | 41 | 52 | 65 | <input type="text"/> | 97 | 116 |
| 6. | -43 | <input type="text"/> | -68 | -82 | -97 | -113 |
| 7. | 23 | 2 | -15 | -28 | <input type="text"/> | -42 |
| 8. | 23 | 2 | <input type="text"/> | -37 | -55 | -72 |
| 9. | -59 | -76 | -95 | -116 | <input type="text"/> | -164 |
| 10. | <input type="text"/> | 82 | 89 | 92 | 91 | 86 |
| 11. | <input type="text"/> | 11 | 5 | -1 | -7 | -13 |
| 12. | 71 | 74 | <input type="text"/> | 65 | 53 | 36 |
| 13. | -43 | -47 | -49 | <input type="text"/> | -47 | -43 |
| 14. | 57 | 75 | 96 | 120 | 147 | <input type="text"/> |
| 15. | 79 | 84 | <input type="text"/> | 94 | 99 | 104 |
| 16. | 29 | 32 | 37 | 44 | <input type="text"/> | 64 |
| 17. | <input type="text"/> | 20 | 24 | 29 | 35 | 42 |
| 18. | 67 | 77 | 86 | <input type="text"/> | 101 | 107 |
| 19. | 71 | 85 | 100 | <input type="text"/> | 133 | 151 |
| 20. | <input type="text"/> | 29 | 56 | 88 | 125 | 167 |

Numerical Sequences

Find the missing number

- | | | | | | | |
|-----|----------------------|-----|----------------------|----------------------|----------------------|----------------------|
| 21. | -43 | -35 | <input type="text"/> | -28 | -29 | -33 |
| 22. | <input type="text"/> | 86 | 105 | 124 | 143 | 162 |
| 23. | -59 | -65 | -71 | -77 | <input type="text"/> | -89 |
| 24. | 37 | 42 | 48 | 55 | 63 | <input type="text"/> |
| 25. | 33 | 24 | <input type="text"/> | 6 | -3 | -12 |
| 26. | 23 | 36 | <input type="text"/> | 62 | 75 | 88 |
| 27. | <input type="text"/> | -20 | -29 | -38 | -47 | -56 |
| 28. | 67 | 70 | 73 | 76 | <input type="text"/> | 82 |
| 29. | 53 | 41 | <input type="text"/> | 8 | -13 | -37 |
| 30. | 73 | 56 | 39 | <input type="text"/> | 5 | -12 |
| 31. | <input type="text"/> | -10 | -30 | -53 | -79 | -108 |
| 32. | 41 | 20 | -2 | <input type="text"/> | -49 | -74 |
| 33. | 41 | 29 | <input type="text"/> | 11 | 5 | 1 |
| 34. | 53 | 64 | 74 | 83 | <input type="text"/> | 98 |
| 35. | 71 | 67 | 58 | 44 | <input type="text"/> | 1 |
| 36. | 79 | 84 | <input type="text"/> | 97 | 105 | 114 |
| 37. | 51 | 39 | 27 | 15 | 3 | <input type="text"/> |
| 38. | 29 | 17 | 9 | 5 | 5 | <input type="text"/> |
| 39. | 23 | 28 | <input type="text"/> | 41 | 49 | 58 |
| 40. | 17 | 30 | 46 | <input type="text"/> | 87 | 112 |

Numerical Sequences

Find the missing number

41.	57	41	28	18	<input type="text"/>	7
42.	37	20	3	<input type="text"/>	-31	-48
43.	47	61	76	<input type="text"/>	109	127
44.	-59	-46	<input type="text"/>	-20	-7	6
45.	33	48	62	<input type="text"/>	87	98
46.	-59	<input type="text"/>	-18	-2	11	21
47.	71	84	97	110	<input type="text"/>	136
48.	67	87	<input type="text"/>	130	153	177
49.	17	25	35	47	<input type="text"/>	77
50.	<input type="text"/>	63	59	55	51	47
51.	<input type="text"/>	51	45	39	33	27
52.	17	0	<input type="text"/>	-22	-27	-28
53.	71	54	41	<input type="text"/>	27	26
54.	79	82	86	91	97	<input type="text"/>
55.	7	14	<input type="text"/>	28	35	42
56.	57	76	95	114	<input type="text"/>	152
57.	<input type="text"/>	57	82	112	147	187
58.	23	31	40	<input type="text"/>	61	73
59.	-11	-1	10	<input type="text"/>	35	49
60.	<input type="text"/>	-80	-76	-71	-65	-58

Numerical Sequences

Find the missing number

61. 37 28 10 1 -8

62. 36 43 50 57 64

63. -31 -23 -13 -1 29

64. -11 4 20 37 55

65. -31 -12 38 69 104

66. 47 62 77 77 72

67. 38 54 71 89 108

68. 47 58 66 71 72

69. -31 -40 -58 -67 -76

70. 67 61 52 25 7

71. 93 116 142 171 203

72. -59 -44 -24 31 66

73. -31 -11 29 49 69

74. 37 59 76 88 97

75. 7 26 48 73 132

76. 7 17 37 47 57

77. 67 85 104 124 145

78. 57 64 73 84 97

79. 29 43 65 73 79

80. 29 48 67 105 124

Numerical Sequences

Find the missing number

81.	37	51	65	79	<input type="text"/>	107
82.	7	21	32	<input type="text"/>	45	47
83.	7	1	-5	<input type="text"/>	-17	-23
84.	73	52	<input type="text"/>	13	-5	-22
85.	-83	-80	-75	<input type="text"/>	-59	-48
86.	-11	<input type="text"/>	26	46	67	89
87.	79	82	84	85	<input type="text"/>	84
88.	7	29	<input type="text"/>	76	101	127
89.	37	48	60	73	<input type="text"/>	102
90.	<input type="text"/>	-2	-15	-32	-53	-78
91.	<input type="text"/>	79	87	95	103	111
92.	-43	-36	<input type="text"/>	-22	-15	-8
93.	67	51	33	<input type="text"/>	-9	-33
94.	29	49	67	83	97	<input type="text"/>
95.	-43	-38	<input type="text"/>	-28	-23	-18
96.	29	20	10	-1	<input type="text"/>	-26
97.	<input type="text"/>	-51	-45	-41	-39	-39
98.	73	87	101	<input type="text"/>	129	143
99.	-31	-11	8	<input type="text"/>	43	59
100.	<input type="text"/>	47	69	95	125	159

Numerical Sequences

Find the missing number

101.	-31	-18	-7	2	<input type="text"/>	14
102.	-83	-92	-104	<input type="text"/>	-137	-158
103.	71	79	84	<input type="text"/>	85	81
104.	47	31	<input type="text"/>	11	7	7
105.	57	72	85	<input type="text"/>	105	112
106.	-59	<input type="text"/>	-69	-71	-71	-69
107.	71	85	99	113	<input type="text"/>	141
108.	53	63	<input type="text"/>	80	87	93
109.	17	5	-7	-19	<input type="text"/>	-43
110.	<input type="text"/>	66	81	96	111	126
111.	<input type="text"/>	27	49	73	99	127
112.	57	77	<input type="text"/>	114	131	147
113.	-83	-99	-114	<input type="text"/>	-141	-153
114.	71	84	101	122	147	<input type="text"/>
115.	37	47	<input type="text"/>	67	77	87
116.	23	7	-8	-22	<input type="text"/>	-47
117.	<input type="text"/>	36	40	45	51	58
118.	23	34	46	<input type="text"/>	73	88
119.	33	47	61	<input type="text"/>	89	103
120.	<input type="text"/>	-63	-70	-80	-93	-109

Numerical Sequences

Find the missing number

121. 37 56 94 113 132

122. 51 64 76 87 97

123. 33 21 9 -3 -27

124. -11 2 15 28 41

125. -31 -11 26 43 59

126. 33 21 -9 -27 -47

127. -87 -91 -95 -99 -103

128. 41 35 33 35 51

129. 37 47 52 47 37

130. 79 73 66 49 39

131. 75 95 113 129 143

132. 51 59 67 83 91

133. 37 50 76 89 102

134. 41 44 46 47 46

135. 37 44 53 64 92

136. -31 -35 -34 -29 -21

137. -31 -48 -63 -76 -87

138. 47 26 6 -13 -31

139. 47 61 77 79 77

140. 57 75 93 129 147

Numerical Sequences

Find the missing number

141.	51	56	61	66	<input type="text"/>	76
142.	33	24	17	<input type="text"/>	9	8
143.	-59	-39	-20	<input type="text"/>	15	31
144.	-43	-25	<input type="text"/>	26	59	97
145.	-43	-55	-72	<input type="text"/>	-121	-153
146.	33	<input type="text"/>	73	93	113	133
147.	-31	-21	-11	-1	<input type="text"/>	19
148.	67	72	<input type="text"/>	67	57	42
149.	-43	-40	-40	-43	<input type="text"/>	-58
150.	<input type="text"/>	20	0	-19	-37	-54
151.	<input type="text"/>	36	50	65	81	98
152.	-43	-38	<input type="text"/>	-28	-23	-18
153.	73	83	98	<input type="text"/>	143	173
154.	33	41	50	60	71	<input type="text"/>
155.	57	67	<input type="text"/>	84	91	97
156.	-11	7	23	37	<input type="text"/>	59
157.	<input type="text"/>	56	39	22	5	-12
158.	29	32	36	<input type="text"/>	47	54
159.	-31	-18	-8	<input type="text"/>	3	4
160.	<input type="text"/>	23	13	-1	-19	-41

Numerical Sequences

Find the missing number

161. 7 -5 -29 -41 -53

162. 45 31 15 -3 -23

163. 67 80 94 109 142

164. 29 17 0 -22 -49

165. 23 38 53 53 48

166. 23 7 -28 -47 -67

167. 48 55 62 69 76

168. 71 55 39 23 -9

169. 41 46 65 79 96

170. -11 -20 -32 -65 -86

171. 63 48 34 21 9

172. 7 -2 -10 -23 -28

173. 47 38 23 17 12

174. 51 47 43 39 31

175. 57 68 80 93 122

176. -43 -21 14 27 37

177. 29 32 32 29 23

178. 29 43 58 74 91

179. 7 -2 -20 -29 -38

180. 51 69 90 141 171

Numerical Sequences

Find the missing number

181. -83 -76 -70 -65 -58

182. 71 54 35 -9 -34

183. -59 -40 -19 29 56

184. 67 89 136 161 187

185. 71 55 39 7 -9

186. 33 58 63 63 58

187. 37 51 70 94 157

188. 73 80 88 89 88

189. 37 20 5 -8 -28

190. 81 90 100 111 123

191. -46 -32 -17 -1 16

192. 33 21 3 -3 -7

193. 73 91 110 151 173

194. 51 35 19 3 -13

195. 23 33 47 51 53

196. 7 25 43 61 97

197. -32 -26 -25 -29 -38

198. 67 85 100 121 127

199. 47 52 57 67 72

200. 72 88 105 123 142

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

1. $x = -8$ $y = 8$ $z = 4$

2. $x = -7$ $y = -8$ $z = -1$

3. $x = 7$ $y = 6$ $z = -6$

4. $x = 2$ $y = -1$ $z = -1$

5. $x = -3$ $y = -4$ $z = -9$

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

6. $x = -2$ $y = 8$ $z = 1$

7. $x = -6$ $y = -8$ $z = -2$

8. $x = 5$ $y = -6$ $z = 1$

9. $x = 4$ $y = -4$ $z = -8$

10. $x = 3$ $y = -2$ $z = -4$

Order of Operations

Plug in the numbers, and simplify

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

11. $a = -5$ $b = -4$ $c = -5$ $d = -6$

12. $a = -1$ $b = 6$ $c = 7$ $d = 8$

13. $a = -8$ $b = -5$ $c = -9$ $d = -6$

14. $a = 1$ $b = -4$ $c = -5$ $d = -8$

15. $a = 4$ $b = -3$ $c = -5$ $d = -6$

Order of Operations

Plug in the numbers, and simplify

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

16. $a = 2$ $b = -8$ $c = -5$ $d = 1$

17. $a = -5$ $b = -6$ $c = -4$ $d = 2$

18. $a = 8$ $b = -5$ $c = 3$ $d = -7$

19. $a = -7$ $b = -7$ $c = -9$ $d = -3$

20. $a = -4$ $b = 5$ $c = 1$ $d = 1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{4(l + m)^2}{(l - n)} + \frac{2(m - n)^2}{o}$$

21. $l = -7$ $m = -8$ $n = -4$ $o = 1$

22. $l = -3$ $m = 9$ $n = 3$ $o = 8$

23. $l = 3$ $m = 9$ $n = -7$ $o = 5$

24. $l = 2$ $m = 4$ $n = 4$ $o = 3$

25. $l = -3$ $m = 9$ $n = 7$ $o = -5$

Order of Operations

Plug in the numbers, and simplify

$$\frac{4(l + m)^2}{(l - n)} + \frac{2(m - n)^2}{o}$$

26. $l = 8 \quad m = -3 \quad n = 4 \quad o = -2$

27. $l = -5 \quad m = 2 \quad n = 7 \quad o = -2$

28. $l = 3 \quad m = 1 \quad n = -5 \quad o = -6$

29. $l = -3 \quad m = 7 \quad n = -4 \quad o = -1$

30. $l = 7 \quad m = 6 \quad n = 4 \quad o = -6$

Order of Operations

Plug in the numbers, and simplify

$$P^4 - 4Q^3 + 2R^2$$

31. $P = -3$ $Q = 2$ $R = 3$

32. $P = -2$ $Q = -2$ $R = -3$

33. $P = 1$ $Q = 3$ $R = 3$

34. $P = 5$ $Q = -2$ $R = 3$

35. $P = -5$ $Q = 2$ $R = 2$

Order of Operations

Plug in the numbers, and simplify

$$P^4 - 4Q^3 + 2R^2$$

36. $P = -4$ $Q = 3$ $R = 3$

37. $P = 3$ $Q = 1$ $R = -3$

38. $P = 3$ $Q = 4$ $R = -4$

39. $P = 1$ $Q = -2$ $R = -2$

40. $P = -5$ $Q = -1$ $R = -5$

Order of Operations

Plug in the numbers, and simplify

$$\frac{6e - 4f}{3g + h}$$

41. $e = -3$ $f = 8$ $g = 1$ $h = 7$

42. $e = -9$ $f = 7$ $g = -3$ $h = 7$

43. $e = 3$ $f = 2$ $g = -4$ $h = 2$

44. $e = 9$ $f = 3$ $g = -5$ $h = 8$

45. $e = 8$ $f = -9$ $g = -5$ $h = 9$

Order of Operations

Plug in the numbers, and simplify

$$\frac{6e - 4f}{3g + h}$$

46. $e = 4$ $f = -3$ $g = 4$ $h = -9$

47. $e = -2$ $f = 4$ $g = 2$ $h = -2$

48. $e = 2$ $f = -2$ $g = 3$ $h = -7$

49. $e = 4$ $f = 2$ $g = 1$ $h = 1$

50. $e = 6$ $f = 3$ $g = -6$ $h = 6$

Order of Operations

Plug in the numbers, and simplify

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

51. $r = -2$ $s = 5$ $t = -1$

52. $r = 4$ $s = -2$ $t = 2$

53. $r = -2$ $s = 5$ $t = 2$

54. $r = -2$ $s = -5$ $t = -3$

55. $r = 4$ $s = -5$ $t = 3$

Order of Operations

Plug in the numbers, and simplify

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

56. $r = -3$ $s = -5$ $t = -2$

57. $r = 1$ $s = -2$ $t = 2$

58. $r = 4$ $s = 3$ $t = 3$

59. $r = -1$ $s = -3$ $t = -2$

60. $r = 4$ $s = 1$ $t = 5$

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

1. $x = 4 \quad y = -5 \quad z = 1$

2. $x = -4 \quad y = 6 \quad z = 2$

3. $x = -8 \quad y = -6 \quad z = 9$

4. $x = -6 \quad y = -8 \quad z = 9$

5. $x = 2 \quad y = 6 \quad z = 1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

6. $x = 1 \quad y = 6 \quad z = -3$

7. $x = 3 \quad y = -6 \quad z = -4$

8. $x = 2 \quad y = -9 \quad z = 4$

9. $x = -6 \quad y = -3 \quad z = 4$

10. $x = -6 \quad y = 5 \quad z = 5$

Order of Operations

Plug in the numbers, and simplify

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

11. $a = 6$ $b = 7$ $c = 4$ $d = 8$

12. $a = 6$ $b = 4$ $c = 7$ $d = 2$

13. $a = -7$ $b = 3$ $c = 4$ $d = 4$

14. $a = 8$ $b = -5$ $c = 3$ $d = 5$

15. $a = 7$ $b = -3$ $c = -1$ $d = 1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

16. $a = 8$ $b = 5$ $c = 3$ $d = -5$

17. $a = 9$ $b = 7$ $c = 4$ $d = 4$

18. $a = -7$ $b = 2$ $c = 3$ $d = 3$

19. $a = -8$ $b = -2$ $c = -3$ $d = -1$

20. $a = 8$ $b = 2$ $c = 6$ $d = 6$

Order of Operations

Plug in the numbers, and simplify

$$\frac{4(l + m)^2}{(l - n)} + \frac{2(m - n)^2}{o}$$

21. $l = 9 \quad m = 1 \quad n = 8 \quad o = -2$

22. $l = 5 \quad m = 9 \quad n = 6 \quad o = 2$

23. $l = 6 \quad m = -4 \quad n = 5 \quad o = -6$

24. $l = 7 \quad m = -9 \quad n = 3 \quad o = -2$

25. $l = -3 \quad m = -2 \quad n = 1 \quad o = 9$

Order of Operations

Plug in the numbers, and simplify

$$\frac{4(l + m)^2}{(l - n)} + \frac{2(m - n)^2}{o}$$

26. $l = -2$ $m = -6$ $n = -6$ $o = -9$

27. $l = -4$ $m = -7$ $n = 4$ $o = 4$

28. $l = -6$ $m = 3$ $n = 2$ $o = -4$

29. $l = 3$ $m = 3$ $n = 9$ $o = -3$

30. $l = 4$ $m = -9$ $n = -2$ $o = -3$

Order of Operations

Plug in the numbers, and simplify

$$P^4 - 4Q^3 + 2R^2$$

31. $P = 2$ $Q = 4$ $R = 5$

32. $P = 2$ $Q = -3$ $R = 1$

33. $P = -3$ $Q = -1$ $R = -5$

34. $P = -2$ $Q = -5$ $R = 3$

35. $P = 3$ $Q = 4$ $R = -5$

Order of Operations

Plug in the numbers, and simplify

$$P^4 - 4Q^3 + 2R^2$$

36. $P = 5$ $Q = -5$ $R = -4$

37. $P = -2$ $Q = -1$ $R = -3$

38. $P = -5$ $Q = 3$ $R = -3$

39. $P = 4$ $Q = -5$ $R = 5$

40. $P = 1$ $Q = 4$ $R = 2$

Order of Operations

Plug in the numbers, and simplify

$$\frac{6e - 4f}{3g + h}$$

41. $e = 2$ $f = -9$ $g = 4$ $h = 4$

42. $e = 7$ $f = 9$ $g = 2$ $h = -9$

43. $e = -4$ $f = -3$ $g = -1$ $h = 2$

44. $e = -7$ $f = 4$ $g = -3$ $h = 7$

45. $e = -3$ $f = -7$ $g = 1$ $h = -1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{6e - 4f}{3g + h}$$

46. $e = -7$ $f = -9$ $g = 3$ $h = -8$

47. $e = -8$ $f = -3$ $g = -2$ $h = 4$

48. $e = 7$ $f = 9$ $g = 3$ $h = -6$

49. $e = -3$ $f = 3$ $g = 3$ $h = 1$

50. $e = 8$ $f = -6$ $g = -6$ $h = 9$

Order of Operations

Plug in the numbers, and simplify

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

51. $r = -5$ $s = -4$ $t = -4$

52. $r = 2$ $s = 4$ $t = 4$

53. $r = -2$ $s = -5$ $t = 2$

54. $r = 3$ $s = 4$ $t = 4$

55. $r = -2$ $s = 3$ $t = -1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

56. $r = -4$ $s = -2$ $t = 4$

57. $r = 2$ $s = -1$ $t = -2$

58. $r = -2$ $s = -5$ $t = -3$

59. $r = 1$ $s = -4$ $t = 2$

60. $r = 1$ $s = 3$ $t = 2$

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

1. $x = 5 \quad y = -8 \quad z = -4$

2. $x = -3 \quad y = -2 \quad z = 1$

3. $x = 6 \quad y = -3 \quad z = -9$

4. $x = 6 \quad y = -5 \quad z = -1$

5. $x = -9 \quad y = 8 \quad z = 1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

6. $x = -3$ $y = -8$ $z = -1$

7. $x = -7$ $y = 6$ $z = 9$

8. $x = -4$ $y = 3$ $z = 1$

9. $x = -6$ $y = 7$ $z = 4$

10. $x = -6$ $y = 5$ $z = -9$

Order of Operations

Plug in the numbers, and simplify

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

11. $a = -6$ $b = 1$ $c = 3$ $d = 2$

12. $a = -6$ $b = 4$ $c = 7$ $d = 5$

13. $a = 6$ $b = -5$ $c = -4$ $d = -4$

14. $a = -6$ $b = 4$ $c = 7$ $d = 3$

15. $a = -6$ $b = 2$ $c = -4$ $d = 6$

Order of Operations

Plug in the numbers, and simplify

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

16. $a = 3$ $b = -8$ $c = -7$ $d = -4$

17. $a = -9$ $b = -5$ $c = 4$ $d = -2$

18. $a = -2$ $b = -3$ $c = -1$ $d = -9$

19. $a = -2$ $b = -7$ $c = -6$ $d = -8$

20. $a = 5$ $b = -2$ $c = -7$ $d = -1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{4(l + m)^2}{(l - n)} + \frac{2(m - n)^2}{o}$$

21. $l = -5$ $m = 8$ $n = -4$ $o = 4$

22. $l = 1$ $m = 9$ $n = 3$ $o = -3$

23. $l = 4$ $m = -7$ $n = -8$ $o = 1$

24. $l = 1$ $m = -7$ $n = -5$ $o = -4$

25. $l = -7$ $m = -9$ $n = 9$ $o = -2$

Order of Operations

Plug in the numbers, and simplify

$$\frac{4(l + m)^2}{(l - n)} + \frac{2(m - n)^2}{o}$$

26. $l = 5 \quad m = 1 \quad n = 6 \quad o = 2$

27. $l = 5 \quad m = -7 \quad n = 7 \quad o = -1$

28. $l = 5 \quad m = 3 \quad n = 9 \quad o = -2$

29. $l = -6 \quad m = -6 \quad n = 2 \quad o = 1$

30. $l = -3 \quad m = -9 \quad n = -6 \quad o = 9$

Order of Operations

Plug in the numbers, and simplify

$$P^4 - 4Q^3 + 2R^2$$

31. $P = 1$ $Q = -4$ $R = 3$

32. $P = -3$ $Q = 5$ $R = -2$

33. $P = -4$ $Q = -1$ $R = -1$

34. $P = 1$ $Q = 4$ $R = -5$

35. $P = 4$ $Q = -1$ $R = 2$

Order of Operations

Plug in the numbers, and simplify

$$P^4 - 4Q^3 + 2R^2$$

36. $P = 2$ $Q = 4$ $R = -2$

37. $P = -5$ $Q = -5$ $R = -5$

38. $P = -1$ $Q = -1$ $R = -1$

39. $P = 4$ $Q = -1$ $R = -4$

40. $P = 3$ $Q = -2$ $R = -3$

Order of Operations

Plug in the numbers, and simplify

$$\frac{6e - 4f}{3g + h}$$

41. $e = 8$ $f = -6$ $g = -7$ $h = 9$

42. $e = -6$ $f = -9$ $g = 1$ $h = 3$

43. $e = -1$ $f = -5$ $g = 2$ $h = -5$

44. $e = -9$ $f = -7$ $g = 4$ $h = 1$

45. $e = 2$ $f = 5$ $g = -2$ $h = 7$

Order of Operations

Plug in the numbers, and simplify

$$\frac{6e - 4f}{3g + h}$$

46. $e = 4$ $f = 9$ $g = 1$ $h = 3$

47. $e = -8$ $f = 2$ $g = -9$ $h = -1$

48. $e = -5$ $f = 5$ $g = 2$ $h = -1$

49. $e = 9$ $f = 3$ $g = 2$ $h = -8$

50. $e = -8$ $f = -9$ $g = -5$ $h = 9$

Order of Operations

Plug in the numbers, and simplify

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

51. $r = 3 \quad s = 2 \quad t = 2$

52. $r = -1 \quad s = 3 \quad t = -2$

53. $r = 2 \quad s = -3 \quad t = 1$

54. $r = -2 \quad s = 3 \quad t = -1$

55. $r = 2 \quad s = -5 \quad t = -2$

Order of Operations

Plug in the numbers, and simplify

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

56. $r = 3 \quad s = -2 \quad t = 4$

57. $r = 2 \quad s = 5 \quad t = 1$

58. $r = 3 \quad s = -1 \quad t = 2$

59. $r = -5 \quad s = 1 \quad t = -4$

60. $r = 4 \quad s = -1 \quad t = 3$

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

1. $x = 6 \quad y = 9 \quad z = -3$

2. $x = 2 \quad y = -3 \quad z = -1$

3. $x = -4 \quad y = -6 \quad z = -2$

4. $x = -5 \quad y = -4 \quad z = 1$

5. $x = -2 \quad y = -4 \quad z = 1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

6. $x = -4$ $y = -5$ $z = -1$

7. $x = -3$ $y = 2$ $z = 1$

8. $x = 6$ $y = -7$ $z = -7$

9. $x = 2$ $y = 7$ $z = -4$

10. $x = -6$ $y = 9$ $z = 3$

Order of Operations

Plug in the numbers, and simplify

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

11. $a = -8$ $b = 5$ $c = 9$ $d = 1$

12. $a = 3$ $b = -8$ $c = -5$ $d = -5$

13. $a = -3$ $b = -2$ $c = -5$ $d = 4$

14. $a = 8$ $b = -4$ $c = -6$ $d = -6$

15. $a = -4$ $b = -2$ $c = -3$ $d = -1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

16. $a = 1$ $b = -6$ $c = -5$ $d = -4$

17. $a = -9$ $b = -2$ $c = -1$ $d = -3$

18. $a = 1$ $b = -3$ $c = -5$ $d = 9$

19. $a = 7$ $b = 5$ $c = 7$ $d = 9$

20. $a = 2$ $b = 9$ $c = 5$ $d = 1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{4(l + m)^2}{(l - n)} + \frac{2(m - n)^2}{o}$$

21. $l = 5 \quad m = 3 \quad n = -3 \quad o = -8$

22. $l = 3 \quad m = 6 \quad n = 1 \quad o = 1$

23. $l = 5 \quad m = 5 \quad n = 3 \quad o = -2$

24. $l = 9 \quad m = -6 \quad n = 6 \quad o = -6$

25. $l = -3 \quad m = 7 \quad n = -1 \quad o = -4$

Order of Operations

Plug in the numbers, and simplify

$$\frac{4(l + m)^2}{(l - n)} + \frac{2(m - n)^2}{o}$$

26. $l = 7$ $m = -7$ $n = 8$ $o = -1$

27. $l = 9$ $m = 5$ $n = 5$ $o = -5$

28. $l = -9$ $m = 5$ $n = -7$ $o = 8$

29. $l = -2$ $m = 4$ $n = 5$ $o = 7$

30. $l = -5$ $m = 3$ $n = -7$ $o = 2$

Order of Operations

Plug in the numbers, and simplify

$$P^4 - 4Q^3 + 2R^2$$

31. $P = 2 \quad Q = -2 \quad R = 2$

32. $P = -3 \quad Q = -1 \quad R = 2$

33. $P = -4 \quad Q = 3 \quad R = 3$

34. $P = -1 \quad Q = 2 \quad R = -3$

35. $P = 1 \quad Q = -2 \quad R = 3$

Order of Operations

Plug in the numbers, and simplify

$$P^4 - 4Q^3 + 2R^2$$

36. $P = -1$ $Q = -1$ $R = -1$

37. $P = 1$ $Q = 3$ $R = -1$

38. $P = 1$ $Q = 1$ $R = 2$

39. $P = -5$ $Q = 3$ $R = -3$

40. $P = -3$ $Q = 3$ $R = 1$

Order of Operations

Plug in the numbers, and simplify

$$\frac{6e - 4f}{3g + h}$$

41. $e = 6$ $f = -4$ $g = 1$ $h = -2$

42. $e = 9$ $f = 8$ $g = -3$ $h = -2$

43. $e = -2$ $f = -8$ $g = -2$ $h = 1$

44. $e = -3$ $f = 9$ $g = -7$ $h = -6$

45. $e = -1$ $f = 8$ $g = 2$ $h = -5$

Order of Operations

Plug in the numbers, and simplify

$$\frac{6e - 4f}{3g + h}$$

46. $e = 8$ $f = -9$ $g = 1$ $h = 4$

47. $e = 8$ $f = -9$ $g = 3$ $h = -6$

48. $e = 6$ $f = 1$ $g = -6$ $h = 2$

49. $e = -4$ $f = 4$ $g = -2$ $h = 1$

50. $e = 1$ $f = -9$ $g = -3$ $h = 7$

Order of Operations

Plug in the numbers, and simplify

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

51. $r = 3 \quad s = 1 \quad t = 4$

52. $r = -2 \quad s = -1 \quad t = 2$

53. $r = 4 \quad s = -5 \quad t = 3$

54. $r = 1 \quad s = -4 \quad t = 2$

55. $r = -2 \quad s = -3 \quad t = 2$

Order of Operations

Plug in the numbers, and simplify

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

56. $r = 1$ $s = -2$ $t = 2$

57. $r = -3$ $s = -4$ $t = -4$

58. $r = 4$ $s = -1$ $t = 3$

59. $r = -2$ $s = -5$ $t = -3$

60. $r = 2$ $s = 3$ $t = 1$