



# Math Worksheet for 8th Grade

## Equations with parentheses

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

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### Questions

1.  $2(x + 3) = 10$
2.  $3(x - 4) = 9$
3.  $4(2x + 1) = 20$
4.  $5(x + 2) = 35$
5.  $6(x - 1) = 30$
6.  $-2(x + 5) = -14$
7.  $-3(x - 2) = 12$
8.  $2(x + 4) + 6 = 20$
9.  $3(x - 3) + 9 = 0$
10.  $4(x + 5) - 8 = 20$
11.  $5(x - 1) + 10 = 30$
12.  $2(3x + 2) = 28$
13.  $3(2x - 1) = 15$
14.  $4(x - 2) + 2 = 18$
15.  $-4(x + 3) = 8$
16.  $2(x - 5) + 3x = 10$
17.  $3(x + 2) - x = 12$
18.  $4x + 2(x - 1) = 22$
19.  $5(x + 1) - 2x = 26$
20.  $2(x + 3) = 3x - 4$
21.  $3(x - 2) = x + 6$
22.  $4(x + 1) = 2(x + 7)$
23.  $-2(x - 4) = 6 - x$
24.  $3(x + 5) = 2(x + 10)$
25.  $5(x - 2) = 3(x + 4)$
26.  $2(2x + 3) + x = 21$
27.  $3(x - 1) + 2(x + 2) = 21$
28.  $4(x + 2) - 3(x - 1) = 5$
29.  $-3(x + 1) + 2x = -4$
30.  $2(x + 4) + 3(x - 2) = 27$
31.  $6(x - 2) = 24$



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32.  $-4(x + 2) + 5 = -11$

33.  $3(2x + 4) - x = 22$

34.  $2(x + 7) - 3(x - 2) = 5$

35.  $4(x - 3) + x = 13$

36.  $-2(x + 3) - x = -12$

37.  $5(x + 2) - 4(x - 1) = 9$

38.  $3(x + 4) + 2 = 2x + 17$

39.  $2(x - 3) + 7 = x + 1$

40.  $4(x + 5) - 3 = 5x + 9$

41.  $-3(x - 2) = -6$

42.  $2(x + 6) = 3x + 2$

43.  $3(x - 4) + 5 = 2x + 1$

44.  $4(x + 2) = x + 20$

45.  $5(x - 3) + 6 = 2x + 12$

46.  $-4(x + 1) = 2 - x$

47.  $2(x + 2) + 4(x - 1) = 3x + 6$

48.  $3(x + 1) + 2(x - 2) = 2x + 14$

49.  $4(x - 5) + 11 = x$

50.  $-2(x - 4) + 3x = 10$