

$$\begin{array}{lll}
-2(5+x) = 3x & (3) & 4(6-x) = -x & (2) & 3(x-2) = x & (1) \\
7+6(4-x) = 1 & (6) & 5(x-2)+6 = -9 & (5) & 2(x-3)+5 = 7 & (4) \\
x-5(-x-2) = 4 & (9) & x-5 = -3(x+1) & (8) & -(6-x) = 8-x & (7) \\
25-(6-x)3 = 7 & (12) & 5-(x-3)4 = -11 & (11) & 4+(4-x)3 = 10 & (10) \\
x-5(2x-3) = -3 & (14) & & & 3x+2(4x-5) = 1 & (13) \\
-6+3(5-7x) = 9-10x & (16) & & & 7x-8(2x-3) = -4x-1 & (15) \\
4x-(3x-7)2 = 5x-7 & (18) & & & 2x+(5x-7)3 = 4x+5 & (17) \\
5(2+x) = (x-1)4 & (20) & & & 3(4-x) = 2(x-9) & (19) \\
3(2+5x) = (3x+2)7 & (22) & & & 7(5-2x) = 2(16-5x) & (21) \\
8(3x-4)+(3-4x)4 = 36 & (24) & & & 6(2x-3)-2(3x-1) = -2x & (23) \\
-9(5-2x)-(3x-2)5 = 7-4x & (26) & & & -7(5-3x)-6(2x-4) = x+1 & (25) \\
5(x-8)-10(3-x) = 7(x-2) & (28) & & & 3(3-x)+7(x-1) = 9(x+3) & (27) \\
2(-2x-5)-3(1-4x) = 7(x+1) & (30) & & & 9(x-1)+2(3x+2) = 5(2x+3) & (29) \\
8(3x-2)-(7x-3)5 = -3(-2x-11) & (32) & & & 5(2x-3)+(4x-7)3 = (3x-2)2 & (31) \\
6(3x-2)-10(2x-1) = (5x-1)2 & (34) & & & 5(3x-1)-(4x+5)2 = -8(3-2x) & (33) \\
2(7-3x+5x)-5(-2+7-x) = 7 & (36) & & & 3(2x-8+x)-6(-2+5x-3x) = x & (35) \\
6\left(\frac{5x}{6}+2\right)-15\left(1-\frac{2x}{3}\right) = 7x-3 & (38) & & & 10\left(\frac{x}{5}+2\right)-12\left(\frac{x}{3}-1\right) = 3x+12 & (37) \\
12\left(\frac{3x}{4}-\frac{x}{3}\right)-18\left(\frac{7}{9}x-\frac{5}{6}x\right) = x-5 & (40) & & & 6\left(\frac{x}{2}+\frac{x}{3}\right)+8\left(\frac{1}{2}x-\frac{1}{4}x\right) = x+12 & (39) \\
7\left(\frac{3x}{7}+5\right)-16\left(2-\frac{3}{4}x+\frac{5}{8}x\right) = -7 & (42) & & & 15\left(\frac{x}{3}-\frac{2x}{5}+1\right)-9\left(\frac{4x}{9}-\frac{x}{3}\right) = x & (41) \\
5(4-2x)+(x+2)3 = -4(1-2x)-6(3x-5) & (43) & & & & \\
7(1-2x)-(6x-1)3 = 8(1-4x)+2(5x-9) & (44) & & & &
\end{array}$$



תשובות לדף עבודה כיתה ז' – משוואות מתקדמות

1. $x=3$.

2. $x=8$

3. $x=-2$

4. $x=4$

5. $x=-1$

6. $x=5$

7. $x=7$

8. $x=1/2$

9. $x=-1$

10. $x=2$

11. $x=7$

12. $x=0$

13. $x=1$

14. $x=2$

15. $x=5$

16. $x=0$

17. $x=2$

18. $x=-3$

19. $x=6$

20. $x=-14$

21. $x=3/4$

22. $x=-4/3$

23. $x=2$

24. $x=7$

25. $x=3/2$

26. $x=6$

27. $x=-5$

28. $x=7$

29. $x=4$

30. $x=20$

31. $x=2$

32. $x=-2$

33. $x=1$

34. $x=0$

35. $x=-3$

36. $x=2$

37. $x=4$

38. $x=0$

39. $x=2$

40. $x=-1$

41. $x=5$

42. $x=-2$

43. $x=0$

44. $x=2$