Solve for x. Show all steps.

1. 4x – 7 = 5 2. 8 – 2x = 34 3. -3x – 7 = 17

4. $\frac{x}{2}+5=7$ 5. $\frac{x}{-4}-8= -42$ 6. $\frac{3}{4}x-3=9$

7. $\frac{5}{4}x+8=23$ 8. 4(x – 9) = 8 9. -2(3x + 5) = 14

10. 3 – x + 15 = 41 11. x + 5x – 5 = 1 12. 22x + 2(3x + 5) = 66

13. –x + 2(3x + 1) = 17 14. 4x + 4(3x – 9) = 28 15. 10x – 6(2x + 5) = 20

16. 8x – 5(x – 9) = 27