1. Solve: $x + 7 = 19$

2. Solve: $x - 12 = 8$

3. Solve: $x + 45 = 100$

4. Solve: $x - 27 = 13$

5. Solve: $x + 0 = 36$

6. Solve: $x - 0 = 21$

7. Solve: $x + 3 = 3$

8. Solve: $x - 9 = 0$

9. Solve: $x + 16 = 9$

10. Solve: $x - 4 = -2$

11. Solve: $x + 125 = 200$

12. Solve: $x - 58 = 42$

13. Solve: $x + 1 = 0$

14. Solve: $x - 100 = 0$

15. Solve: $x + 23 = 50$

16. Solve: $x - 7 = 14$

17. Solve: $x + 6 = 6$

18. Solve: $x - 15 = 5$

19. Solve: $x + 90 = 45$

20. Solve: $x - 33 = -3$

21. Word problem: Maya had some stickers. She bought 12 more and now has 47. How many did she have at first? (Write and solve an equation.)

22. Word problem: A library had x books checked out. 8 books were returned, and now there are 15 books checked out. How many books were checked out originally?

23. Word problem: A baker made 30 cupcakes. He sold some and now has 11 left. How many did he sell? (Write x - ? = ?)

24. Word problem: Liam saved $x. He received $25 more and now has $80. How much had he saved before?

25. Word problem: A pet store had x hamsters. They sold 5 and now have 7 left. How many hamsters did they start with?

26. Word problem: An elevator went up x floors, then went up 6 more floors and reached floor 18. What floor did it start on?

27. Word problem: A classroom needs 24 pencils. They already have x pencils and the teacher adds 9 more to reach 24. How many pencils were there before?

28. Word problem: A jogger ran x miles in the morning and then ran 3 more miles to finish with 10 miles total. How many miles did she run in the morning?

29. Word problem: A farmer picked 56 apples. He put some into boxes of 10 and now 6 apples remain loose. If the number of apples in boxes is x (actual full boxes count), write and solve the equation x*10 + 6 = 56. (This one is to reason to find the remainder; reframe to one-step as: He had x full boxes + 6 loose = 56; find x.)

30. Word problem: A toy costs $x. After a $15 discount, the price is $20. What was the toy's original price?

31. Word problem: Zoe collected x seashells. She gave away 14 and now has 21. How many did she collect?

32. Word problem: A movie started on screen 7. If 13 people moved to another screen and 30 remain on screen 7, how many were on screen 7 before the 13 left?

33. Word problem: A water tank had x liters. After using 40 liters it has 110 liters left. How many liters were in the tank originally?

34. Word problem: A student needs 60 points to pass. He currently has x points and then earns 18 more to reach 60. How many points did he have before?

35. Word problem: A bus had 39 passengers after 5 got off. How many were on the bus before those 5 left?

36. Word problem (decimal): Jason had $x. He spent $4.75 and has $10.25 left. How much did he have at first?

37. Word problem (decimal): A ribbon is 2.5 m long. After cutting off x meters, 1.2 m remains. How long was the piece that was cut off? (Write and solve an equation.)

38. Word problem (fraction): Nina had x liters of juice. She drank $\frac{1}{3}$ liter and has $2\frac{1}{2}$ liters left. How much did she start with?

39. Word problem (fraction): A recipe needs $\frac{3}{4}$ cup of sugar. You already added x cups and then added $\frac{1}{4}$ cup more to reach $\frac{3}{4}$. How much did you add first?

40. Word problem (decimal): A parking meter had $x. Someone added $0.75 and the meter showed $1.50. How much was there before?

41. Solve (fraction): $x + \frac{3}{4} = \frac{5}{4}$

42. Solve (fraction): $x - \frac{2}{3} = \frac{1}{6}$

43. Solve (fraction): $x + \frac{7}{8} = \frac{11}{8}$

44. Solve (fraction): $x - \frac{5}{12} = \frac{1}{12}$

45. Solve (decimal): $x + 2.35 = 7.6$

46. Solve (decimal): $x - 0.9 = 3.1$

47. Solve (decimal): $x + 0.45 = 1.2$

48. Word problem (fraction): A pie is cut and x slices were eaten. After eating $\frac{1}{4}$ more, $\frac{1}{2}$ of the pie is gone. How many slices (fraction of pie) were eaten first? (Write x - $\frac{1}{4} = \frac{1}{2}$ or x + $\frac{1}{4} = \frac{1}{2}$ — clarify in your solution.)

49. Word problem (decimal): A thermometer read x degrees. The temperature dropped by 3.7 degrees and now reads 12.3°C. What was the original reading?

50. Word problem (fraction): A tank is filled to $\frac{5}{6}$ full. If $\frac{1}{3}$ of the tank was poured in earlier, what amount x was in the tank before that pouring? (Write and solve x + $\frac{1}{3} = \frac{5}{6}$.)