Class VII Maths — Simple equations and percentages

Do the same thing to both sides. For a percentage, find 1% or 10% first.

Name: _____ Date: _____

1. Solve: 5x + 6 = 11

2. Solve: 2x + 15 = 17

3. Solve: 5x + 16 = 71

4. Solve: 2x + 5 = 29

5. Solve: 5x + 17 = 72

6. Solve: 4x + 6 = 18

7. Solve: 6x + 14 = 56

8. Solve: 8x + 3 = 75

9. Solve: 6x + 6 = 48

10. Solve: 4x + 9 = 33

11. Solve: 9x + 14 = 86

12. Solve: 9x + 6 = 51

13. Find 25% of 200.

14. Find 50% of 120.

15. Find 10% of 200.

16. Find 5% of 80.

17. Find 10% of 60.

18. Find 20% of 40.

Answers

For parents and teachers: check the method as well as the answer.

1. x = 1
2. x = 1
3. x = 11
4. x = 12
5. x = 11
6. x = 3
7. x = 7
8. x = 9
9. x = 7
10. x = 6
11. x = 8
12. x = 5
13. 50
14. 60
15. 20
16. 4
17. 6
18. 8