Two-step equations

Year 8 / Grade 7

Name: _____

Solve for x.

1 2x + 14 = 30 _____

2 9x + 4 = 76 _____

3 4x + 11 = 59 _____

4 9x + 16 = 115 _____

5 4x + 17 = 61 _____

6 4x + 17 = 25 _____

7 5x + 1 = 51 _____

8 7x + 20 = 34 _____

9 7x + 8 = 92 _____

10 5x + 3 = 43 _____

11 6x + 20 = 98 _____

12 3x + 6 = 33 _____

13 8x + 20 = 124 _____

14 5x + 20 = 30 _____

15 4x + 1 = 33 _____

16 7x + 7 = 42 _____

17 8x + 1 = 97 _____

18 6x + 11 = 77 _____

19 3x + 15 = 18 _____

20 7x + 15 = 99 _____

ANSWERS

1 8 · **2** 8 · **3** 12 · **4** 11 · **5** 11 · **6** 2 · **7** 10 · **8** 2 · **9** 12 · **10** 8 · **11** 13 · **12** 9 · **13** 13 · **14** 2 · **15** 8 · **16** 5 · **17** 12 · **18** 11 · **19** 1 · **20** 12