

Name: _____

Date: _____

Algebra Practice Problems - ANSWERS

1) $3 + x + x = 21$ **answer:** $x = 9$

2) $41 = x + 7x + 9$ **answer:** $x = 4$

3) $7x + 4 + x = 12$ **answer:** $x = 1$

4) $5 + 4x + 7x = 27$ **answer:** $x = 2$

5) $3 + 4x + 4x = 67$ **answer:** $x = 8$

6) $90 = 5x + 2x + 6$ **answer:** $x = 12$

7) $61 = x + 7x + 5$ **answer:** $x = 7$

8) $85 = 3x + 4x + 1$ **answer:** $x = 12$

9) $6x + 5 + 3x = 77$ **answer:** $x = 8$

10) $2x + 9 + 5x = 93$ **answer:** $x = 12$

11) $4x + 7 + 6x = 17$ **answer:** $x = 1$

12) $x + 4 + 5x = 4$ **answer:** $x = 0$

13) $4x + 6 + 4x = 14$ **answer:** $x = 1$

14) $6x + 7 + 5x = 117$ **answer:** $x = 10$

15) $x + 10 + x = 14$ **answer:** $x = 2$

16) $14 = 2x + 7x + 5$ **answer:** $x = 1$

17) $5 + 2x + x = 26$ **answer:** $x = 7$

18) $5x + 9 + 7x = 129$ **answer:** $x = 10$

19) $10 + 4x + 5x = 55$ **answer:** $x = 5$

20) $16 = 6x + 4x + 6$ **answer:** $x = 1$