



Basic algebra

Grade 5 Pre-Algebra Worksheet

Solve for the variable. Answers should be expressed as "x=_____".

1) $x + 12 = 14$

11) $x + 6 = 14$

2) $11 + x = 15$

12) $7 + x = 10$

3) $x - 5 = 6$

13) $10 - x = 7$

4) $2 + x = 8$

14) $8 + x = 16$

5) $x - 3 = 2$

15) $x - 9 = 1$

6) $x - 6 = 6$

16) $x + 10 = 14$

7) $7 + x = 14$

17) $x - 3 = 8$

8) $12 - x = 7$

18) $x + 7 = 9$

9) $5 + x = 9$

19) $x + 7 = 19$

10) $x - 10 = 2$

20) $x + 2 = 10$



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Solve for the variable. Answers should be expressed as "x=_____".

1) $x + 12 = 14$ $x = 2$

11) $x + 6 = 14$ $x = 8$

2) $11 + x = 15$ $x = 4$

12) $7 + x = 10$ $x = 3$

3) $x - 5 = 6$ $x = 11$

13) $10 - x = 7$ $x = 3$

4) $2 + x = 8$ $x = 6$

14) $8 + x = 16$ $x = 8$

5) $x - 3 = 2$ $x = 5$

15) $x - 9 = 1$ $x = 10$

6) $x - 6 = 6$ $x = 12$

16) $x + 10 = 14$ $x = 4$

7) $7 + x = 14$ $x = 7$

17) $x - 3 = 8$ $x = 11$

8) $12 - x = 7$ $x = 5$

18) $x + 7 = 9$ $x = 2$

9) $5 + x = 9$ $x = 4$

19) $x + 7 = 19$ $x = 12$

10) $x - 10 = 2$ $x = 12$

20) $x + 2 = 10$ $x = 8$