



## Basic algebra with decimals

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### Grade 5 Pre-Algebra Worksheet

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

1)  $5.2 + x = 14.2$

2)  $x - 6.2 = 1.7$

3)  $x + 2.9 = 7.1$

4)  $x + 6.8 = 13.6$

5)  $x + 6.1 = 10.8$

6)  $8.5 - x = 5.4$

7)  $x - 4 = 2.1$

8)  $x + 6 = 10.6$

9)  $x + 3.2 = 10.2$

10)  $8.4 - x = 1.5$

11)  $x + 5.2 = 11.0$

12)  $6.9 - x = 1.8$

13)  $8.3 + x = 12.3$

14)  $x - 6.1 = 1.4$

15)  $8.3 - x = 3.0$

16)  $5.5 - x = 2.9$

17)  $x - 5.7 = 0.8$

18)  $x - 5 = 0.1$

19)  $x - 5.7 = 0.4$

20)  $8.5 - x = 5.1$



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### Grade 5 Pre-Algebra Worksheet

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

1)  $5.2 + x = 14.2$   $x = 9$

2)  $x - 6.2 = 1.7$   $x = 7.9$

3)  $x + 2.9 = 7.1$   $x = 4.2$

4)  $x + 6.8 = 13.6$   $x = 6.8$

5)  $x + 6.1 = 10.8$   $x = 4.7$

6)  $8.5 - x = 5.4$   $x = 3.1$

7)  $x - 4 = 2.1$   $x = 6.1$

8)  $x + 6 = 10.6$   $x = 4.6$

9)  $x + 3.2 = 10.2$   $x = 7$

10)  $8.4 - x = 1.5$   $x = 6.9$

11)  $x + 5.2 = 11.0$   $x = 5.8$

12)  $6.9 - x = 1.8$   $x = 5.1$

13)  $8.3 + x = 12.3$   $x = 4$

14)  $x - 6.1 = 1.4$   $x = 7.5$

15)  $8.3 - x = 3.0$   $x = 5.3$

16)  $5.5 - x = 2.9$   $x = 2.6$

17)  $x - 5.7 = 0.8$   $x = 6.5$

18)  $x - 5 = 0.1$   $x = 5.1$

19)  $x - 5.7 = 0.4$   $x = 6.1$

20)  $8.5 - x = 5.1$   $x = 3.4$