



Algebra: 2 sided equations

Grade 5 Pre-Algebra Worksheet

Solve for the variable and show your work.

1) $19 + y = 2y + 18$

7) $40 + x + 4 = 5 + 7x + 3$

2) $222 - z + 22 = 6 + 13z + 14$

8) $244 + y = 19 + 16y$

3) $171 + z = 14 + 12z + 14$

9) $6 + 4x = 36 + x$

4) $395 - x = 19x + 15$

10) $65 + x + 3 = 14 + 3x + 14$

5) $6 + 17y = 38 + y$

11) $8 + 3y + 1 = 19 + y$

6) $232 + x + 1 = 13 + 19x + 4$

12) $72 + y = 9 + 8y$



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Solve for the variable and show your work.

1) $19 + y = 2y + 18$ $y = 1$

7) $40 + x + 4 = 5 + 7x + 3$ $x = 6$

2) $222 - z + 22 = 6 + 13z + 14$ $z = 16$

8) $244 + y = 19 + 16y$ $y = 15$

3) $171 + z = 14 + 12z + 14$ $z = 13$

9) $6 + 4x = 36 + x$ $x = 10$

4) $395 - x = 19x + 15$ $x = 19$

10) $65 + x + 3 = 14 + 3x + 14$ $x = 20$

5) $6 + 17y = 38 + y$ $y = 2$

11) $8 + 3y + 1 = 19 + y$ $y = 5$

6) $232 + x + 1 = 13 + 19x + 4$ $x = 12$

12) $72 + y = 9 + 8y$ $y = 9$