Algebra: 2 sided equations

Grade 5 Pre-Algebra Worksheet

Solve for the variable and show your work.

1) $283 - z = 15z + 11$

2) $7 + 16x = 142 + x$

3) $148 + x = 20 + 9x$

4) $157 + y = 11y + 17$

5) $118 - x = 4 + 5x$

6) $2y + 13 = 55 - y$

7) $18z + 9 = 298 + z$

8) $64 - x = 18 + 12x + 20$

9) $100 - y = 6 + 11y + 10$

10) $1 + 15z + 7 = 92 + z$

11) $211 - y + 36 = 19 + 12y + 7$

12) $16 + 19x + 15 = 71 - x$

Algebra: 2 sided equations

Solve for the variable and show your work.

1) $283 - z = 15z + 11$ $z = 17$

2) $7 + 16x = 142 + x$ $x = 9$

3) $148 + x = 20 + 9x$ $x = 16$

4) $157 + y = 11y + 17$ $y = 14$

5) $118 - x = 4 + 5x$ $x = 19$

6) $2y + 13 = 55 - y$ $y = 14$

7) $18z + 9 = 298 + z$ $z = 17$

8) $64 - x = 18 + 12x + 20$ $x = 2$

9) $100 - y = 6 + 11y + 10$ $y = 7$

10) $1 + 15z + 7 = 92 + z$ $z = 6$

11) $211 - y + 36 = 19 + 12y + 7$ $y = 17$

12) $16 + 19x + 15 = 71 - x$ $x = 2$