



Algebraic Equations

Advanced

Adding, Subtracting, Multiplying

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1. $15 + p = 5p - 5$
 $p = \underline{\quad}$

2. $3r + 4 = 8 - r$
 $r = \underline{\quad}$

3. $8 + q = 2q - 3$
 $q = \underline{\quad}$

4. $4s - 3 = 18 + s$
 $s = \underline{\quad}$

5. $6 - t = 2t - 3$
 $t = \underline{\quad}$

6. $12 + u = 3u - 4$
 $u = \underline{\quad}$

7. $4v + 1 = 7 + v$
 $v = \underline{\hspace{2cm}}$

8. $2w - 3 = 14 + w$
 $w = \underline{\hspace{2cm}}$

9. $14 - x = 3x + 2$
 $x = \underline{\hspace{2cm}}$

10. $5y - 6 = 10 + y$
 $y = \underline{\hspace{2cm}}$

11. $19 - z = 2z + 1$
 $z = \underline{\hspace{2cm}}$

12. $3a - 4 = 16 + a$
 $a = \underline{\hspace{2cm}}$

13. $62 - b = 4b + 2$
 $b = \underline{\hspace{2cm}}$

14. $17 + c = 5c - 19$
 $c = \underline{\hspace{2cm}}$

15. $2d + 3 = 50 + d$
 $d = \underline{\quad}$
