

Name: _____

Date: _____

Polynomials and Factoring Worksheets



1. $12c - 17 = 14 + 11c$
 $12c = 31 + 11c$
 $c = 31$

2. $24k + 8 = 51 + 23k$
 $24k = 43 + 23k$
 $k = 43$

3. $23r - 5 = -4 + 22r$
 $23r = 1 + 22r$
 $r = 1$

4. $21t - 41 = 27 + 20t$
 $21t = 68 + 20t$
 $t = 68$

5. $12q + 38 = 103 + 11q$
 $12q = 65 + 11q$
 $q = 65$

6. $6w - 42 = -41 + 5w$
 $6w = 1 + 5w$
 $w = 1$

7. $15h + 39 = 78 + 14h$
 $15h = 39 + 14h$
 $h = 39$

8. $14h - 47 = 26 + 13h$
 $14h = 73 + 13h$
 $h = 73$

9. $12u - 30 = 0 + 11u$
 $12u = 30 + 11u$
 $u = 30$

10. $11e + 19 = 44 + 10e$
 $11e = 25 + 10e$
 $e = 25$

11. $23j - 16 = 21 + 22j$
 $23j = 37 + 22j$
 $j = 37$

12. $18d + 6 = 34 + 17d$
 $18d = 28 + 17d$
 $d = 28$

13. $21n - 48 = -29 + 20n$
 $21n = 19 + 20n$
 $n = 19$

14. $23c + 27 = 61 + 22c$
 $23c = 34 + 22c$
 $c = 34$

15. $20y - 31 = 26 + 19y$
 $20y = 57 + 19y$
 $y = 57$