

Name: _____

Date: _____

Factoring Polynomials Worksheets



1. $10r - 28 = -21 + 9r$
 $10r = 7 + 9r$
 $r = 7$

2. $9q - 6 = 66 + 8q$
 $9q = 72 + 8q$
 $q = 72$

3. $23v + 21 = 30 + 22v$
 $23v = 9 + 22v$
 $v = 9$

4. $18k + 20 = 91 + 17k$
 $18k = 71 + 17k$
 $k = 71$

5. $7n + 48 = 108 + 6n$
 $7n = 60 + 6n$
 $n = 60$

6. $23m - 28 = 28 + 22m$
 $23m = 56 + 22m$
 $m = 56$

7. $24c - 48 = 2 + 23c$
 $24c = 50 + 23c$
 $c = 50$

8. $17n + 17 = 88 + 16n$
 $17n = 71 + 16n$
 $n = 71$

9. $16d - 41 = -21 + 15d$
 $16d = 20 + 15d$
 $d = 20$

10. $5r - 5 = 20 + 4r$
 $5r = 25 + 4r$
 $r = 25$