Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Quadratics: Factoring (a>1)**

**Factor the following:**

|  |  |
| --- | --- |
| 1. 2x2 + 3x – 9
 | 1. 5x2 + 19x + 12
 |
| 1. 2x2 + 5x + 2
 | 1. 5n2 – 18n + 9
 |
| 1. 5x2 + 9x – 2
 | 1. 5x2 – 12x + 4
 |
| 1. 3x2 + 13x + 4
 | 1. 2x2 + 7x + 6
 |
| 1. 4n2 – 35n + 49
 | 1. 9x2 + 66x + 21
 |
| 1. 6x2 + 37x + 6
 | 1. 8p2 – 18p + 9
 |