Algebra I Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Solve by Square Roots Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hour\_\_\_\_\_\_\_\_

Partner Match

**Directions:** The partner that is the youngest does ONLY the left column of problems below. The oldest partner does ONLY the right column of problems below. The problems are different but both partners should get the same answer every time. If not, help each other find your mistake.

|  |  |
| --- | --- |
| 1. 7n2 – 3 = 60 | 1. 10n2 – 9 = 81 |
| 2. 10p2 + 10 = 50 | 2. 7p2 + 5 = 33 |
| 3. -7x2 = -336 | 3. 9x2 = 432 |
| 4. k2 – 1 = 38 | 4. k2 – 9 = 30 |
| 5. 3m2 + 1 = – 2m2 + 271 | 6. 5m2 – 2 = 4m2 + 52 |

|  |  |
| --- | --- |
| 6. 4r2 – 1 = 255 | 6. 2r2 - 1 = 127 |
| 7. 7y2 – 5 = 247 | 7. 2y2 + 3 = 75 |
| 8. 5b2 – 12b2 = -532 | 8. 3b2 – 4b2 = -76 |
| 9. 64z2 + 1 = 17 | 9. 4z2 + 6 = 7 |
| 10. h2 + 3 – 70 = 0 | 10. 2h2 + 9 – 143 = 0 |

**What are the two things you should remember when writing your answers?**