

(these go in the eggs)

(these don't go in the eggs)

| Egg # | Problems           | Answers              |
|-------|--------------------|----------------------|
| 1     | $3y^2 + 16y + 5$   | $(3y + 1)(y + 5)$    |
| 2     | $6b^2 - 11b - 2$   | $(6b + 1)(b - 2)$    |
| 3     | $5w^2 - 9w - 2$    | $(5w + 1)(w - 2)$    |
| 4     | $4x^2 + 27x + 35$  | $(4x + 7)(x + 5)$    |
| 5     | $6y^2 - 11y - 10$  | $(2y - 5)(3y + 2)$   |
| 6     | $3x^2 - 37x + 44$  | $(3x - 4)(x - 11)$   |
| 7     | $10m^2 + 17m + 6$  | $(2m + 1)(5m + 6)$   |
| 8     | $14y^2 - 15y + 4$  | $(7y - 4)(2y - 1)$   |
| 9     | $4z^2 + 32z + 63$  | $(2z + 9)(2z + 7)$   |
| 10    | $6r^2 + r - 70$    | $(2r + 7)(3r - 10)$  |
| 11    | $8b^2 + 2b - 3$    | $(2b - 1)(4b + 3)$   |
| 12    | $2k^2 + 19k - 10$  | $(k + 10)(2k - 1)$   |
| 13    | $4r^2 + 12r + 9$   | $(2r + 3)(2r + 3)$   |
| 14    | $9x^2 + 6x + 1$    | $(3x + 1)(3x + 1)$   |
| 15    | $12b^2 - 17b - 99$ | $(4b + 9)(3b - 11)$  |
| 16    | $2m^2 + 63m + 145$ | $(m + 29)(2m + 5)$   |
| 17    | $4x^2 + 44x + 121$ | $(2x + 11)(2x + 11)$ |
| 18    | $25n^2 - 20n + 4$  | $(5n - 2)(5n - 2)$   |
| 19    | $2x^2 + x - 6$     | $(x + 3)(2x - 3)$    |
| 20    | $3x^2 + 14x - 5$   | $(x + 5)(3x - 1)$    |