

(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 | $3x^2 + 14x - 5$ | $(x + 5)(3x - 1)$ |