

Factorising Quadratics Solutions

Green Section

1. $(x + 3)(x + 2)$
2. $(y + 4)(y + 3)$
3. $(z + 5)(z + 6)$
4. $(v + 7)(v + 4)$
5. $(m + 8)(m + 8)$
6. $(t + 11)(t + 11)$
7. $(u + 9)(u + 1)$
8. $(g + 12)(g + 9)$
9. $(d + 25)(d + 2)$
10. $(n + 13)(n + 4)$
11. $(a + 11)(a + 7)$
12. $(j + 15)(j + 5)$

Yellow Section

1. $(c - 5)(c + 6)$
2. $(r - 4)(r + 7)$
3. $(y - 11)(y + 7)$
4. $(x - 8)(x + 4)$
5. $(s - 50)(s + 2)$
6. $(h + 10)(h - 8)$
7. $(a + 12)(a - 3)$
8. $(i - 8)(i + 6)$
9. $(k - 20)(k + 3)$
10. $(m + 9)(m - 9)$
11. $(b - 12)(b + 12)$
12. $(g + 7)(g - 7)$

Red Section

1. $(q - 4)(q - 3)$
2. $(w - 6)(w - 2)$
3. $(e - 7)(e - 8)$
4. $(r - 11)(r - 6)$
5. $(t - 12)(t - 7)$
6. $(o - 3)(o - 9)$
7. $(x - 9)(x - 8)$
8. $(b - 9)(b - 4)$
9. $(n - 11)(n - 5)$
10. $(j - 50)(j - 2)$
11. $(a - 30)(a - 5)$
12. $(l - 20)(l - 6)$

Apply

1. b could equal: 33, -33, 18, -18, 12, -12
2. No, -5 multiplied by 12 would equal -60. 12 and 5 are the right factors.
However, the signs should be $(x - 12)(x - 5)$.