**Factorising quadratics with a coefficient of x² GREEN**

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| Questions | Working  | Answer |
| 4x² – 19x + 12 |  |  |
|  2x² + x – 6.  |  |  |
| 4x² – 15x + 9. |  |  |
| 4x² + 7x + 3 |  |  |
| 6x² + 19x + 10 |  |  |
| 2x² - x - 21 |  |  |
| 10x² - 11x + 3 |  |  |
| 2x² - 10x - 28 |  |  |

**Factorising quadratics with a coefficient of x² AMBER**

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| Questions | Working  | Answer |
| 4x² – 19x + 12 |  |  |
|  2x² + x – 6.  |  |  |
| 4x² – 15x + 9. |  |  |
| 4x² + 7x + 3 |  |  |
| 6x² + 19x + 10 |  |  |
| 2x² - x - 21 |  |  |
| 10x² - 11x + 3 |  |  |
| 2x² - 10x - 28 |  |  |

**Factorising quadratics with a coefficient of x² RED**

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| Questions | Working  | Answer |
| 4x² – 19x + 12 |  4 x 12 = 48  1 and 48, 2 and 24, 3 and 16, 4 and  12, 6 and 8  Must be -3 and -16 |  |
|  2x² + x – 6.  |  2 x 6 = 12  1 and 12, 2 and 6, 3 and 4  One positive, one negative |  |
| 4x² – 15x + 9. |  4 x 9 = 36  |  |
| 4x² + 7x + 3 |  |  |
| 6x² + 19x + 10 |  |  |
| 2x² - x - 21 |  |  |
| 10x² - 11x + 3 |  |  |
| 2x² - 10x - 28 |  |  |