****Solving Non-Monic Quadratics by Factorising GREEN

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| **Question** | **Working** | **Factorised** | **Solutions** |
| $$4x^{2}-19x+12=0$$ |  |  |  |
| $$2x²+x-6=0$$ |  |  |  |
| $$4x²-15x+9=0$$ |  |  |  |
| $$4x²+7x+3=0$$ |  |  |  |
| $$6x²+19x+10=0$$ |  |  |  |
| $$2x²-x-21=0$$ |  |  |  |
| $$10x²-11x+3=0$$ |  |  |  |
| $$2x²-10x-28=0$$ |  |  |  |

**** Solving Non-Monic Quadratics by Factorising AMBER

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| **Question** | **Working** | **Factorised** | **Solutions** |
| $$4x²-19x+12=0$$ $48$ |  |  |  |
| $$2x²+x-6=0$$ $-12$ |  |  |  |
| $$4x²-15x+9=0$$ $36$ |  |  |  |
| $$4x²+7x+3=0$$ |  |  |  |
| $$6x²+19x+10=0$$ |  |  |  |
| $$2x²-x-21=0$$ |  |  |  |
| $$10x²-11x+3=0$$ |  |  |  |
| $$2x²-10x-28=0$$ |  |  |  |

**** Solving Non-Monic Quadratics by Factorising RED

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| **Question** | **Working** | **Factorised** | **Solutions** |
| $$4x²-19x+12=0$$ $48$ |  Factor pairs of 48: 1&48, 2&24, 3&\_\_\_,  4&\_\_\_,  |  |  |
| $$2x²+x-6=0$$ $-12$ |  Factor pairs of 12: 1&\_\_\_, 2&\_\_\_,  |  |  |
| $$4x²-15x+9=0$$ $36$ |  Factor pairs of 9: |  |  |
| $$4x²+7x+3=0$$ |  |  |  |
| $$6x²+19x+10=0$$ |  |  |  |
| $$2x²-x-21=0$$ |  |  |  |
| $$10x²-11x+3=0$$ |  |  |  |
| $$2x²-10x-28=0$$ |  |  |  |