**Solving Non-Linear Simultaneous Equations GREEN**

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| Solve $y=3x²-8x+6$ $y=2-x$ ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) | Solve $y=x²-5$ $y=x+6$Give your answers correct to 2 decimal places. ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) |
| Solve $x²+y²=34$ $y=x+2$ ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) | Solve $9x²+y²=18$ $y=x+4$ ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) |

**Solving Non-Linear Simultaneous Equations AMBER**

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| Solve $y=3x²-8x+6$ $y=2-x$ ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) | Solve $y=x²-5$ $y=x+6$Give your answers correct to 2 decimal places. ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) |
| Solve $x²+y²=34$ $y=x+2$ ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) | Solve $9x²+y²=18$ $y=x+4$ ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) |

**Solving Non-Linear Simultaneous Equations RED**

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| Solve $y=3x²-8x+6$ $y=2-x$ $3x^{2}-8x+6=2-x$  $3x^{2}-7x+4=0$ $x=$  ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) | Solve $y=x²-5$ $y=x+6$Give your answers correct to 2 decimal places. ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) |
| Solve $x²+y²=34$ $y=x+2$ $x²+(x+2)²=34$ $x^{2}+x^{2}+4x+4=34$ $ =0$ ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) | Solve $9x²+y²=18$ $y=x+4$ ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) and ( \_\_\_\_\_\_, \_\_\_\_\_\_ ) |