|  |  |  |  |
| --- | --- | --- | --- |
| a) Linear System: $2x+4y=8$ ➀$3x+3y=9$ ➁ | Match “x’s” | Match “y’s” | New Linear System:  |
| Multiply… |
| Do the Addition/Subtraction: | Sub into equation ➀ or ➁ |
| Solution: ( , ) |

|  |  |  |  |
| --- | --- | --- | --- |
| b) Linear System: $2x-5y=3$ ➀$3x+4y=16$ ➁ | Match “x’s” | Match “y’s” | New Linear System:  |
| Multiply… |
| Do the Addition/Subtraction: | Sub into equation ➀ or ➁ |
| Solution: ( , ) |

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| --- | --- | --- | --- |
| c) Linear System: $3x+4y=15$ ➀$2x+3y=11$ ➁ | Match “x’s” | Match “y’s” | New Linear System:  |
| Multiply… |
| Do the Addition/Subtraction: | Sub into equation ➀ or ➁ |
| Solution: ( , ) |

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| --- | --- | --- | --- |
| d) Linear System: $5x+4y=18$ ➀$3x+3y=12$ ➁ | Match “x’s” | Match “y’s” | New Linear System:  |
| Multiply… |
| Do the Addition/Subtraction: | Sub into equation ➀ or ➁ |
| Solution: ( , ) |

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| --- | --- | --- | --- |
| e) Linear System: $2x+6y=22$ ➀$5x+7y=31$ ➁ | Match “x’s” | Match “y’s” | New Linear System:  |
| Multiply… |
| Do the Addition/Subtraction: | Sub into equation ➀ or ➁ |
| Solution: ( , ) |

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| --- | --- | --- | --- |
| f) Linear System: $4x+2y=28$ ➀$3x+3y=27$ ➁ | Match “x’s” | Match “y’s” | New Linear System:  |
| Multiply… |
| Do the Addition/Subtraction: | Sub into equation ➀ or ➁ |
| Solution: ( , ) |

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| --- | --- | --- | --- |
| g) Linear System: $3x+4y=10$ ➀$2x-3y=1$ ➁ | Match “x’s” | Match “y’s” | New Linear System:  |
| Multiply… |
| Do the Addition/Subtraction: | Sub into equation ➀ or ➁ |
| Solution: ( , ) |

Answers: a) (2, 1) b) (4, 1) c) (1, 3) d) (2, 2) e) (2, 3)

 f) (5, 4) g) (2, 1)