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1. $y = (x + 3)(x + 6)$

2. $y = (x - 5)(x - 1)$

3. $y = (x + 5)(x - 3)$

CHECK POINT #1

Factor the quadratic

$y = x^2 + 12x + 20$

$y = x^2 + 8x + 15$

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Factors:

CHECK POINT #2

Factor the quadratic (all addition)

$y = x^2 + 7x + 10$

Factors:

$y = (\quad + \quad)(\quad + \quad)$

$y = x^2 + 9x + 8$

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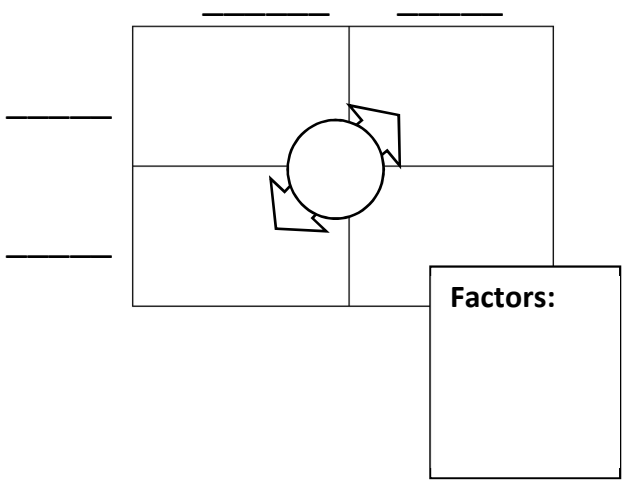
Algebra 2 NAME: _____

CHECK POINT #3

Factor the Quadratics (negatives)

$y = x^2 - 9x + 14$



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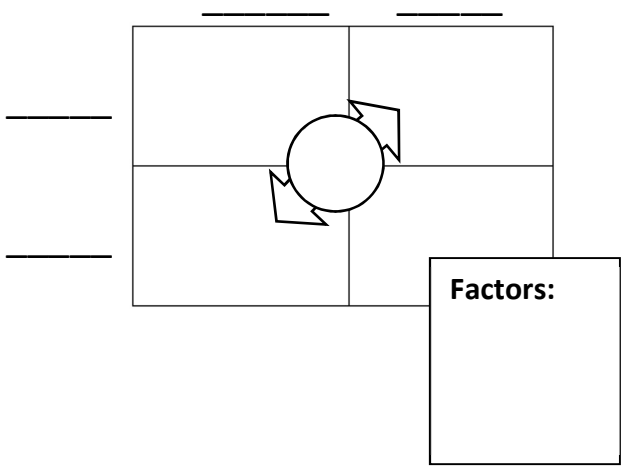

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EXIT TICKET

SELF ASSESS: _____

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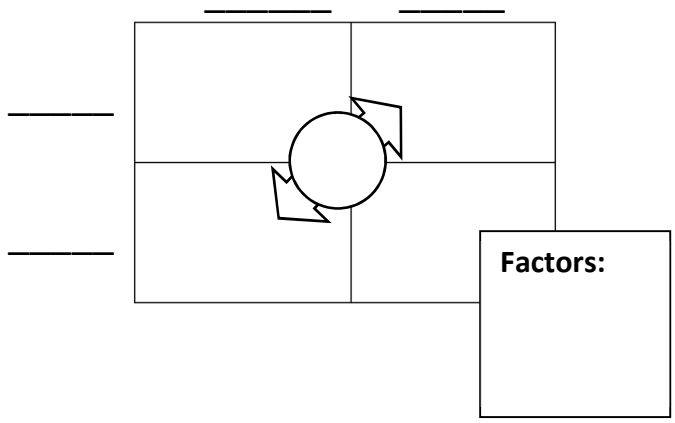

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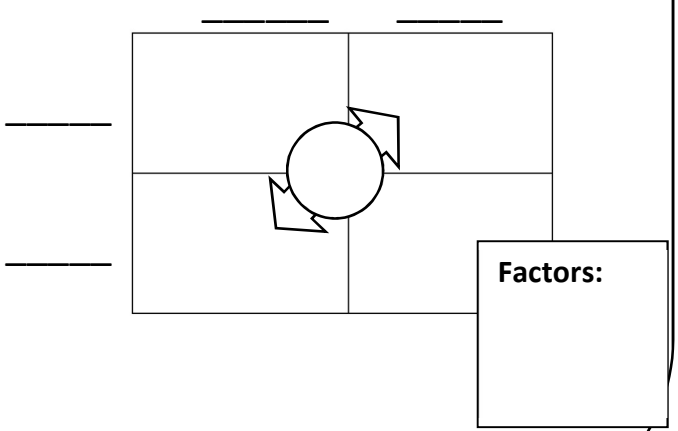

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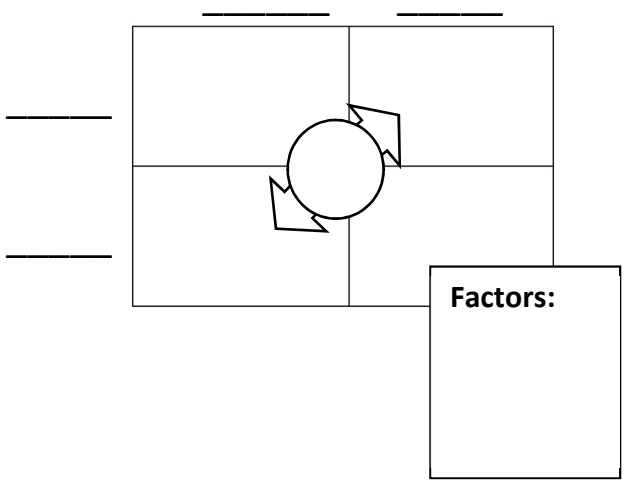

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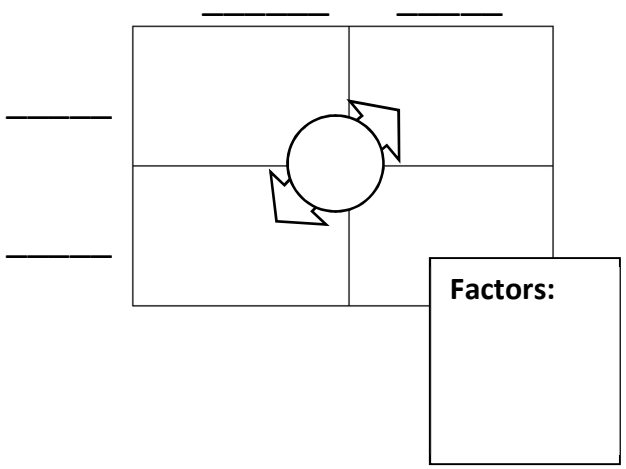

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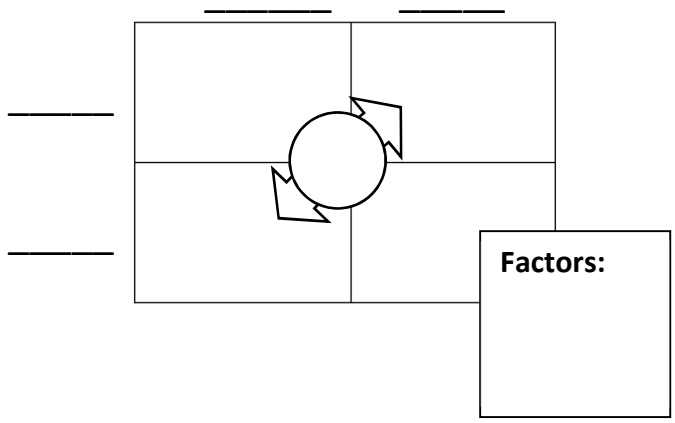

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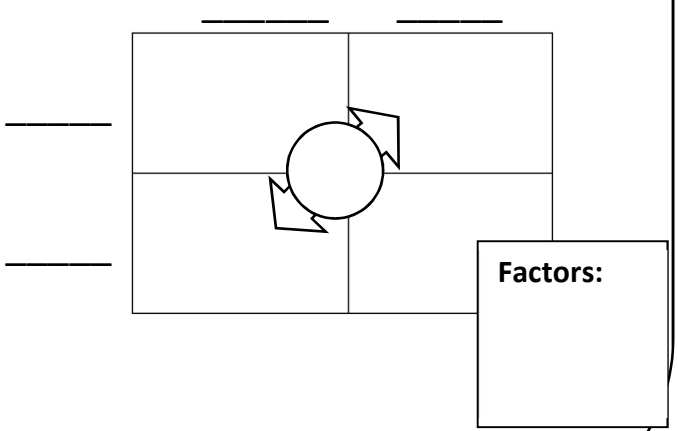

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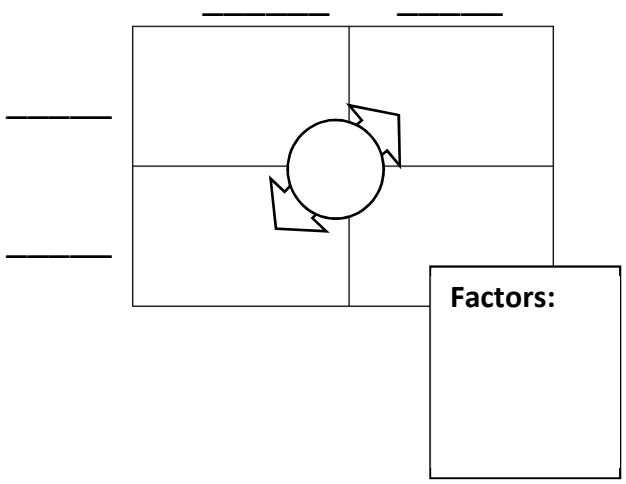

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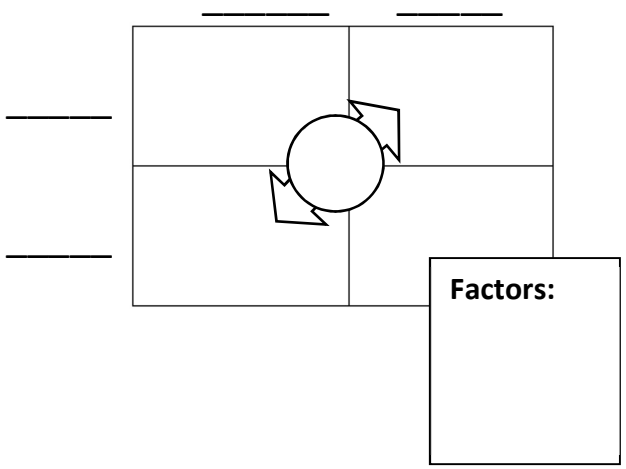

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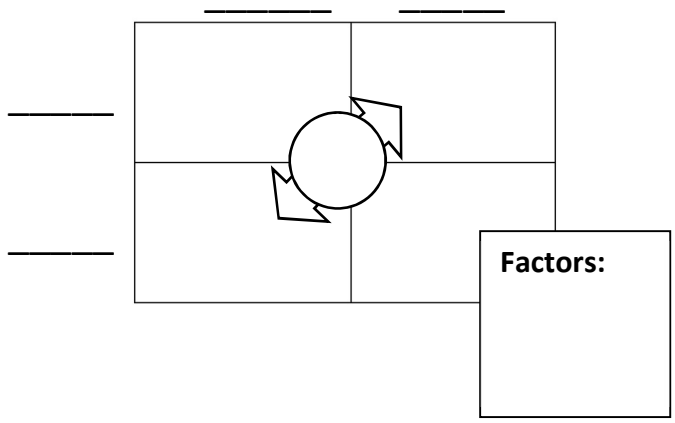

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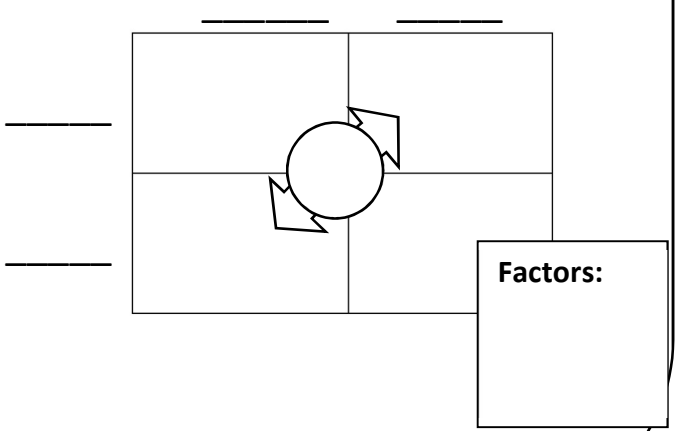

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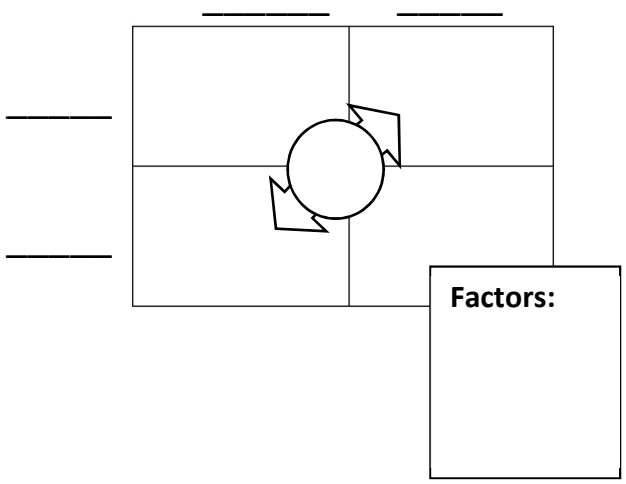

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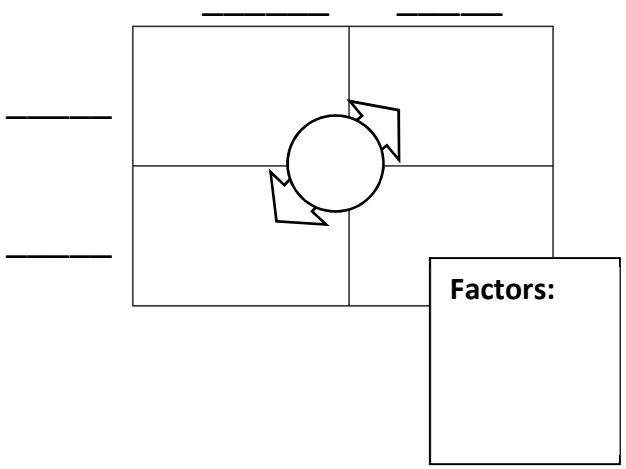

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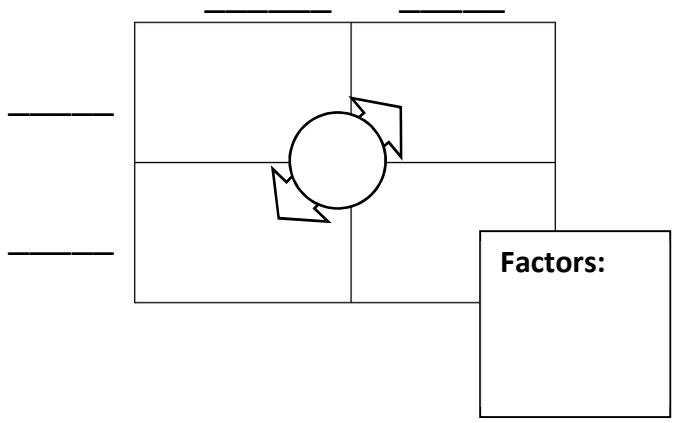

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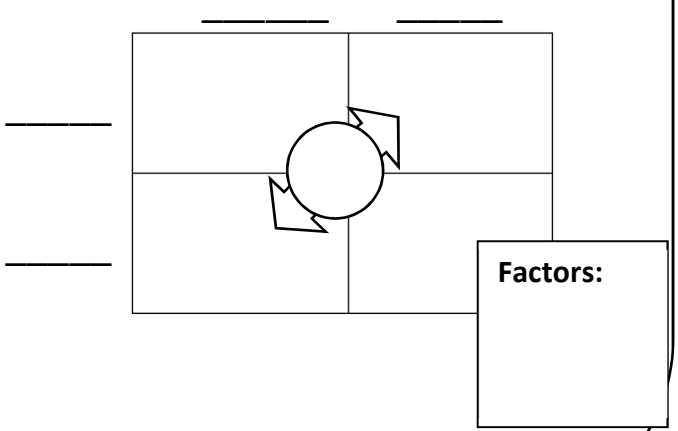

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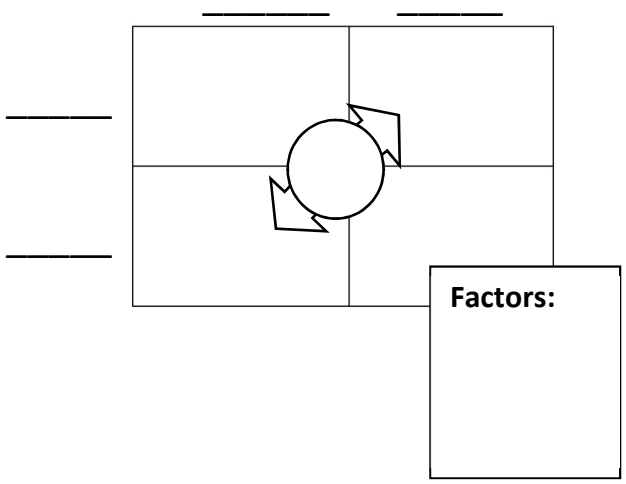

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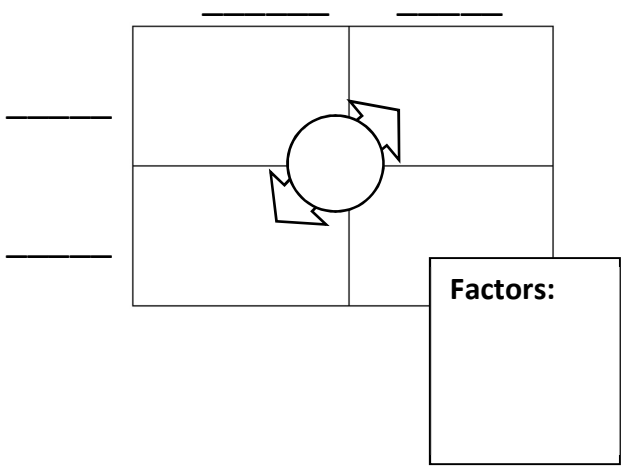

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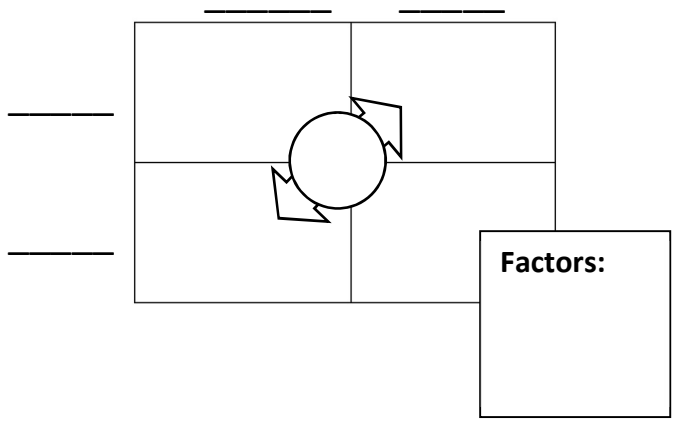

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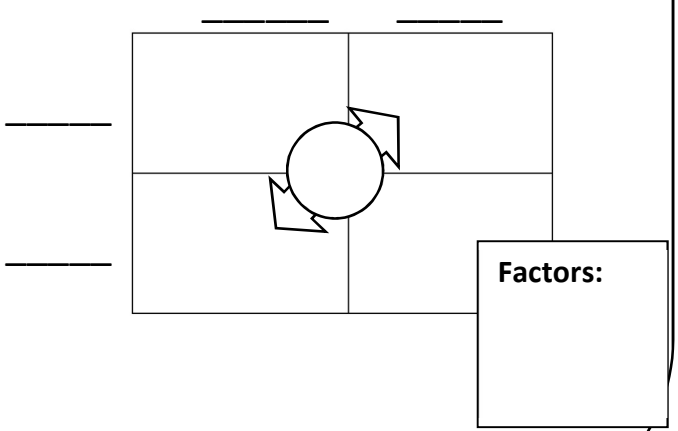

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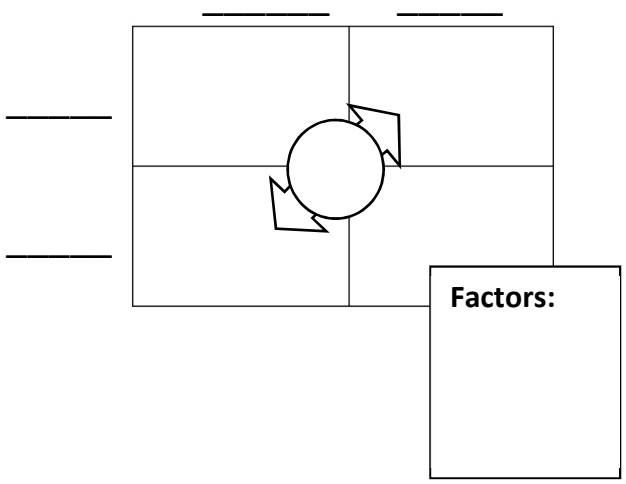

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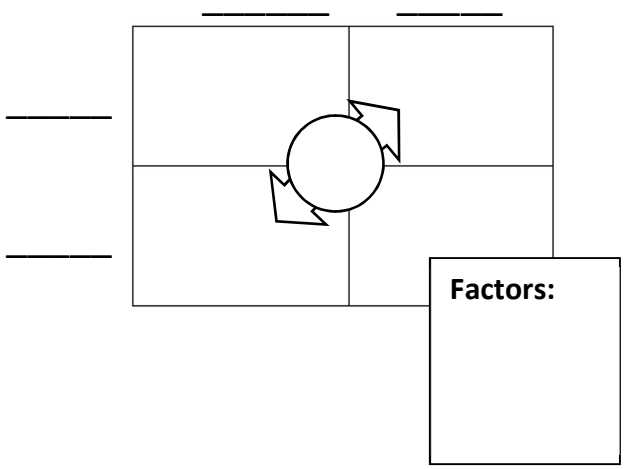

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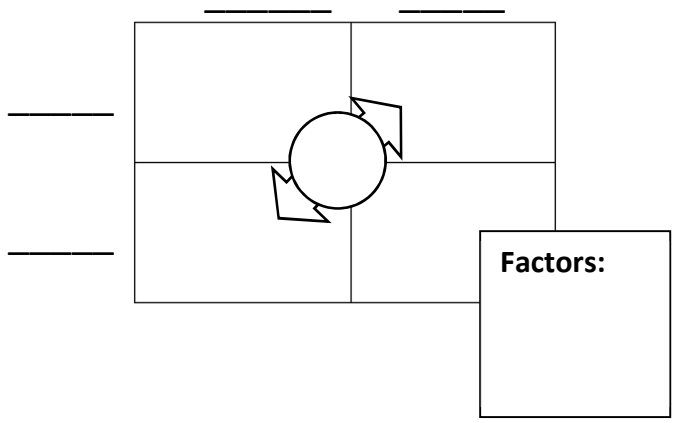

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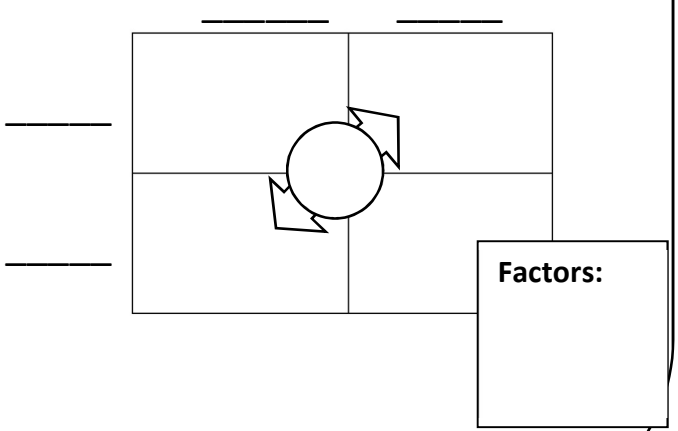

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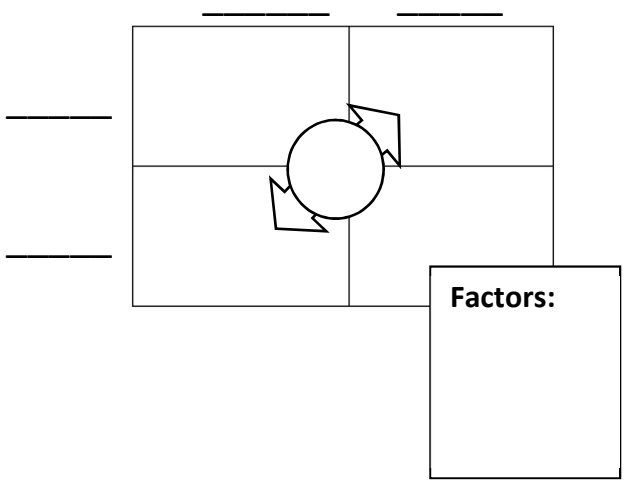

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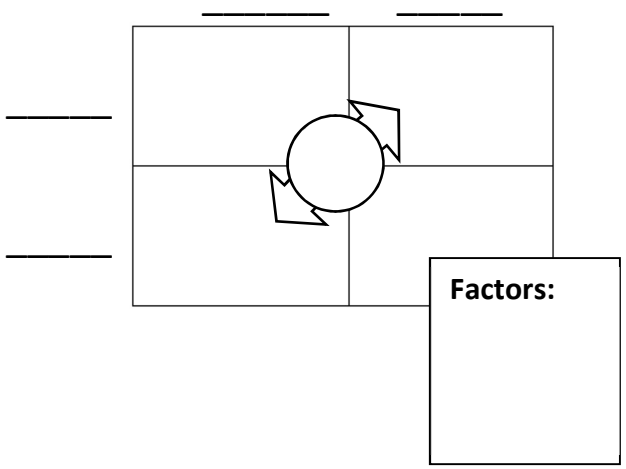

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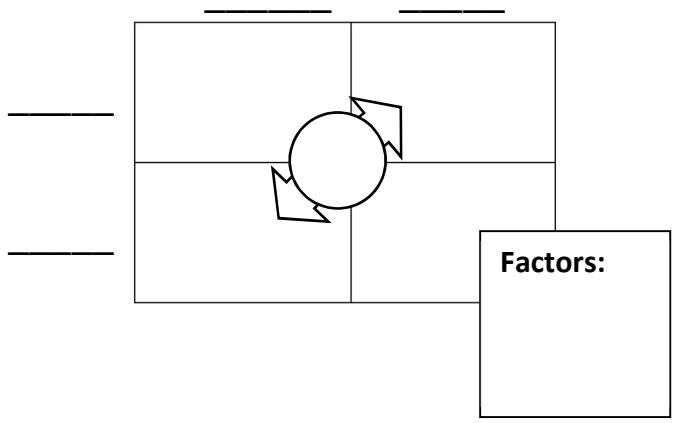

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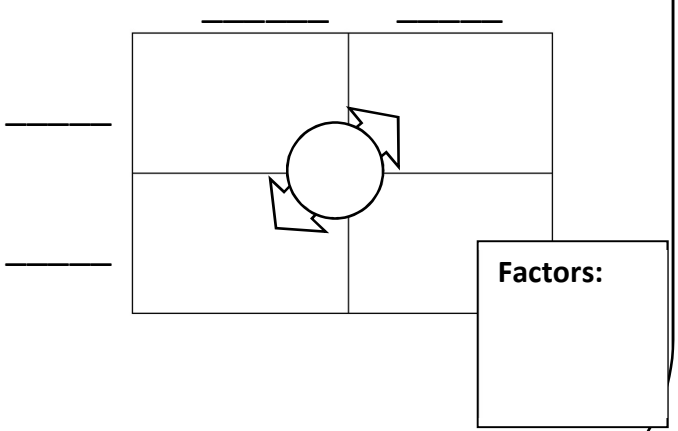

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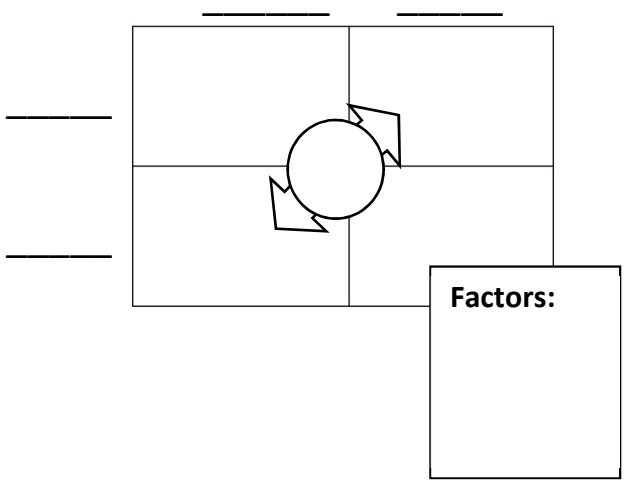

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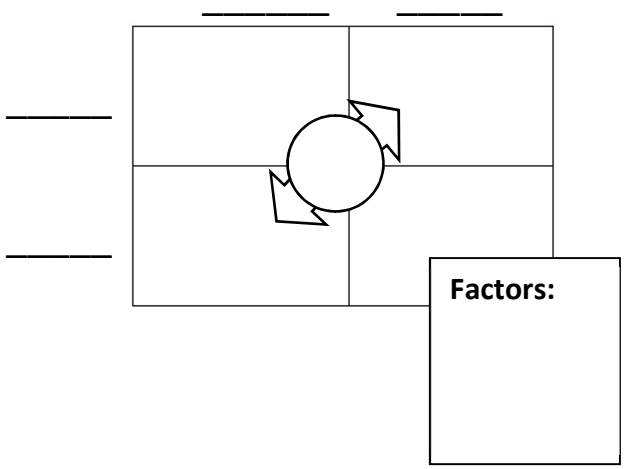

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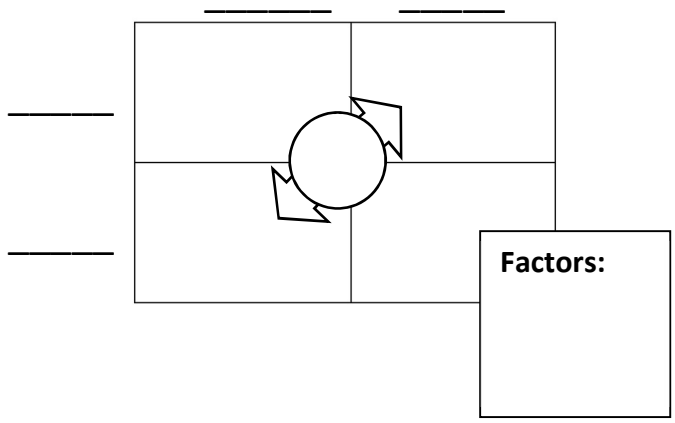

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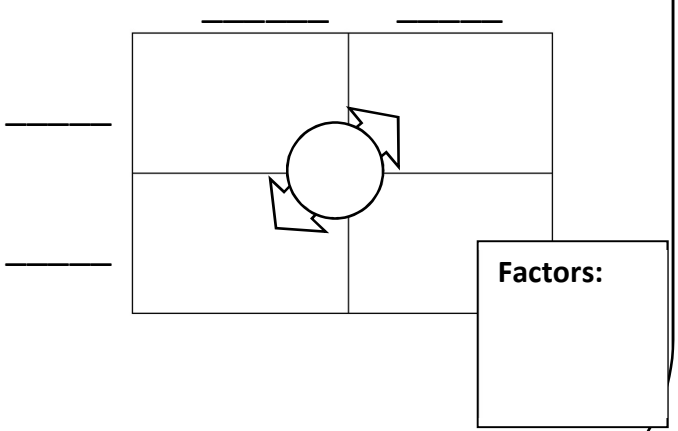

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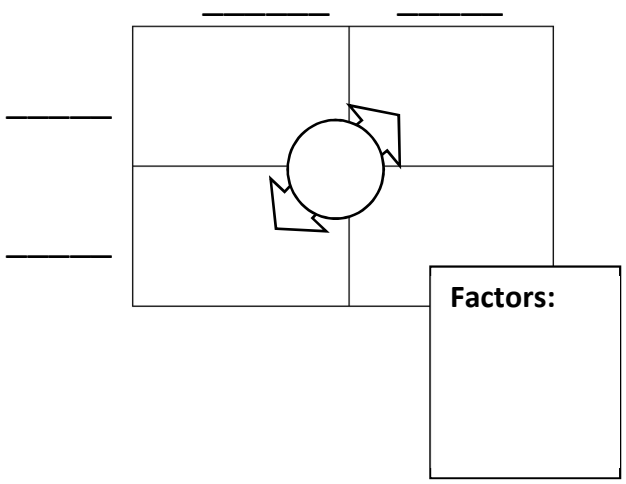

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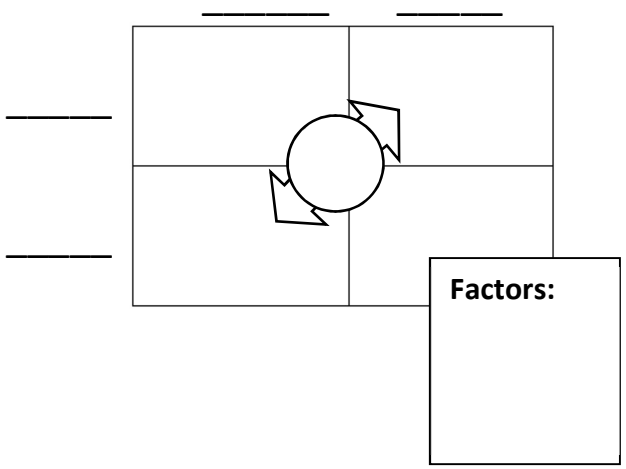

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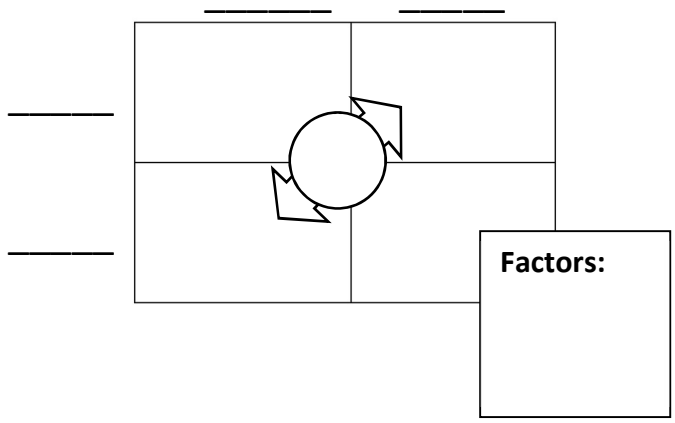
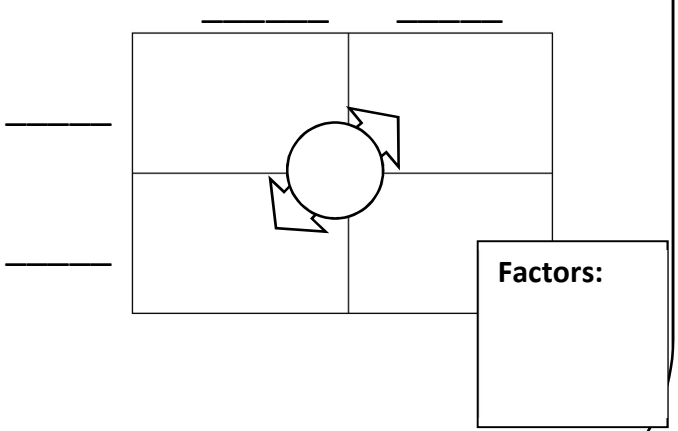


y = (+)(+)

4. $y = x^2 - 10x + 24$



y = (–)(–)

Algebra 2 NAME: _____

DO NOW

Factor each of the problems below:

1. $y = (x + 3)(x + 6)$

2. $y = (x - 5)(x - 1)$

3. $y = (x + 5)(x - 3)$

CHECK POINT #1

Factor the quadratic

$y = x^2 + 12x + 20$

$y = x^2 + 8x + 15$

_____ _____

_____

_____

Factors:

CHECK POINT #2

Factor the quadratic (all addition)

$y = x^2 + 7x + 10$

Factors:

$y = (\quad + \quad)(\quad + \quad)$

$y = x^2 + 9x + 8$

Factors:

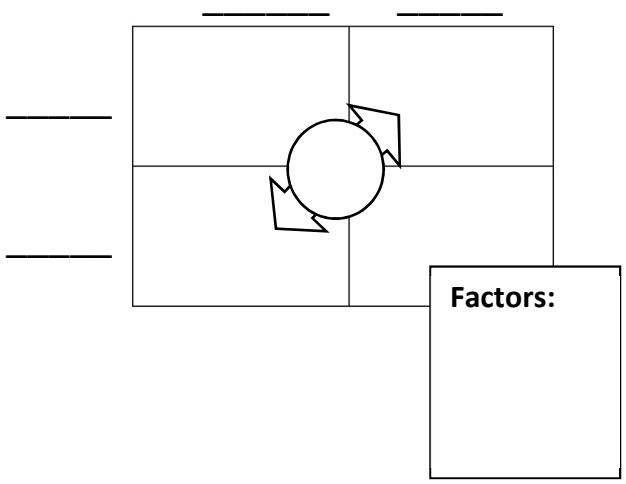
$y = (\quad + \quad)(\quad + \quad)$

Algebra 2 NAME: _____

CHECK POINT #3

Factor the Quadratics (negatives)

$y = x^2 - 9x + 14$



y = (–)(–)

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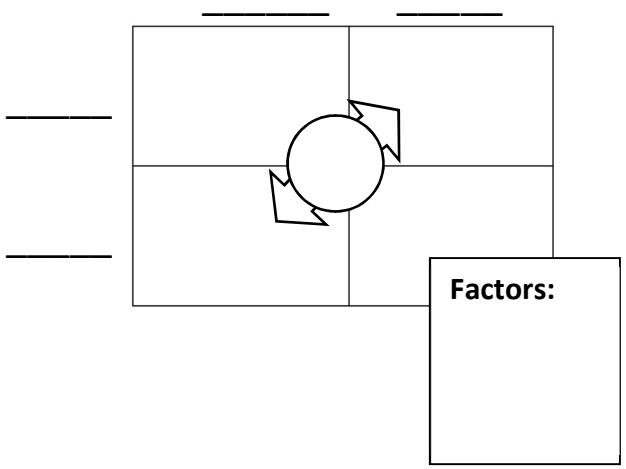


y = (–)(–)

EXIT TICKET

SELF ASSESS: _____

Factor the quadratics (all positive)

1. $y = x^2 + 15x + 50$

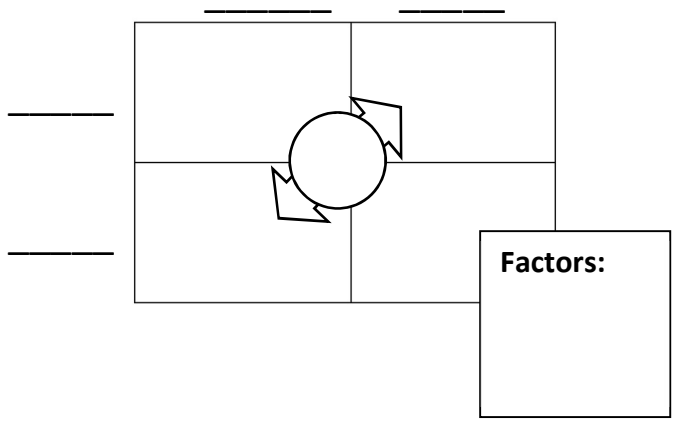
y = (+)(+)

Factor the quadratic (all negative)

2. $y = x^2 - 7x + 6$

y = (–)(–)

3. $y = x^2 + 10x + 16$



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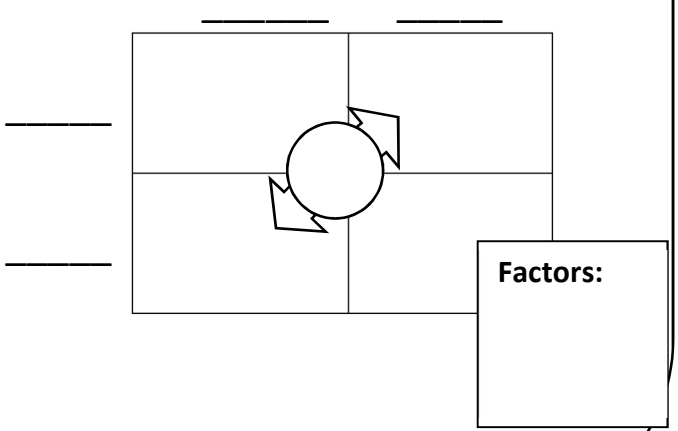

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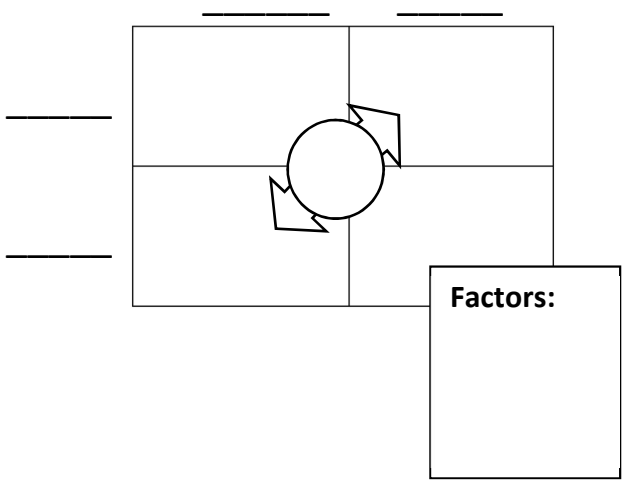

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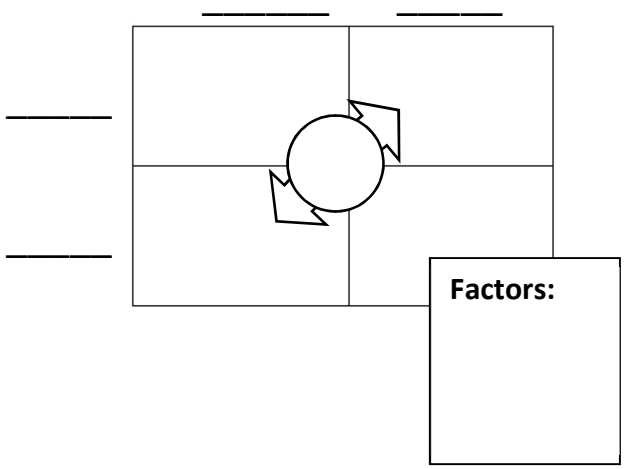

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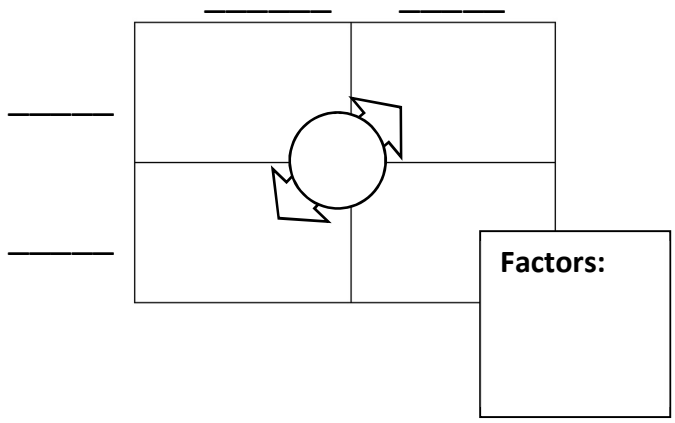

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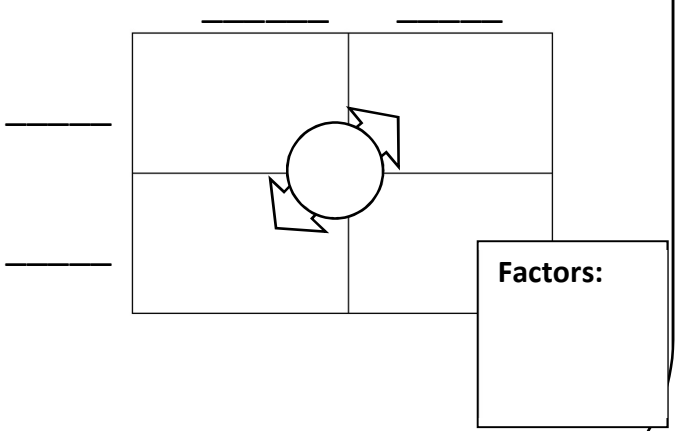

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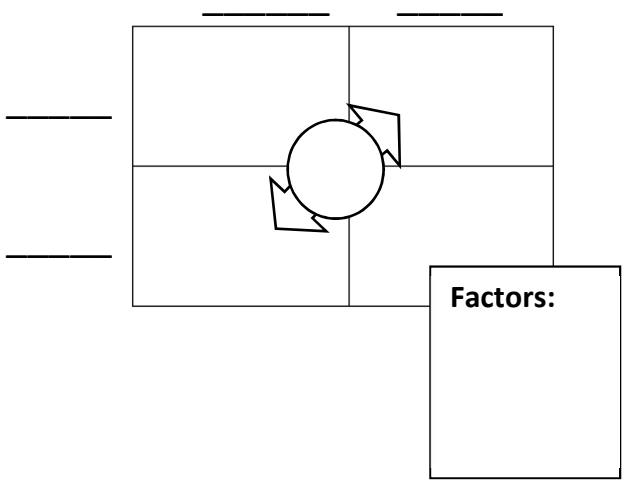

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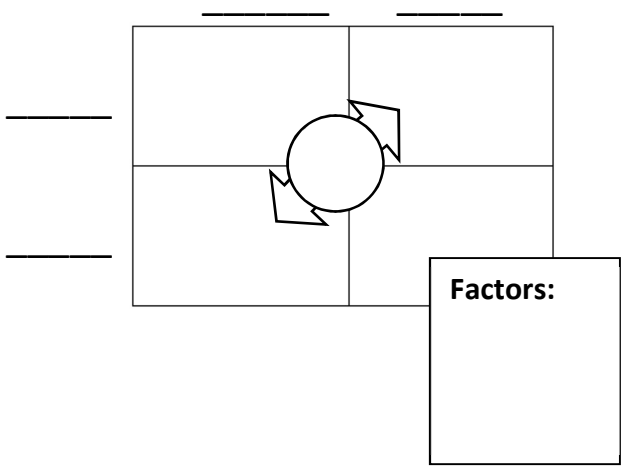

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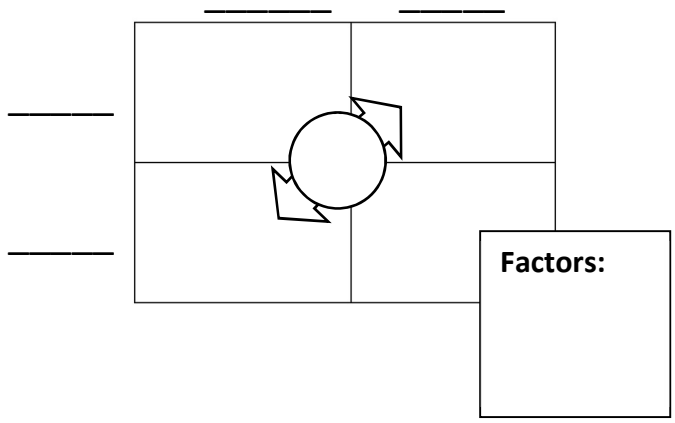

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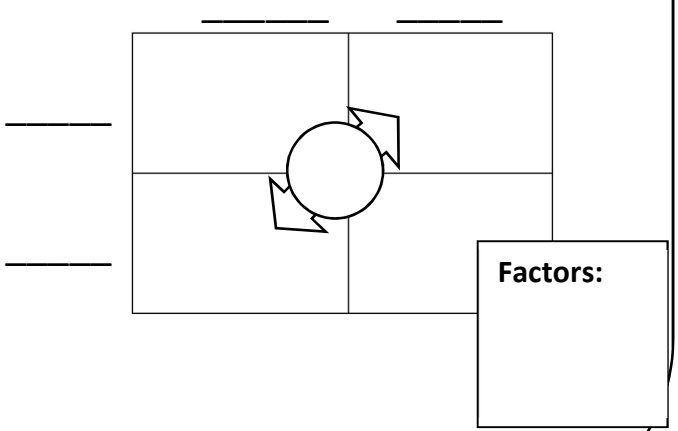

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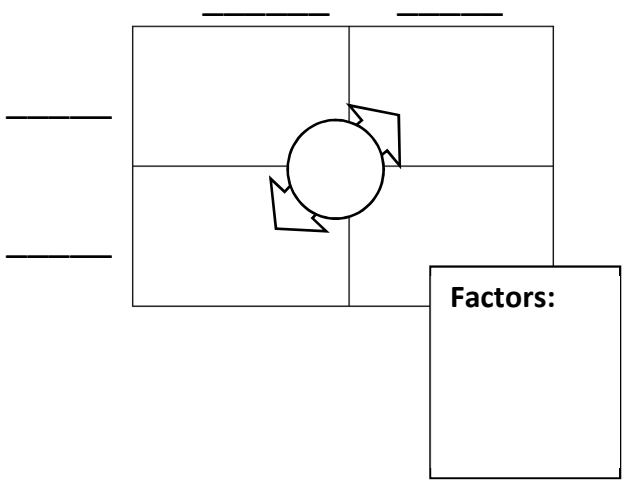

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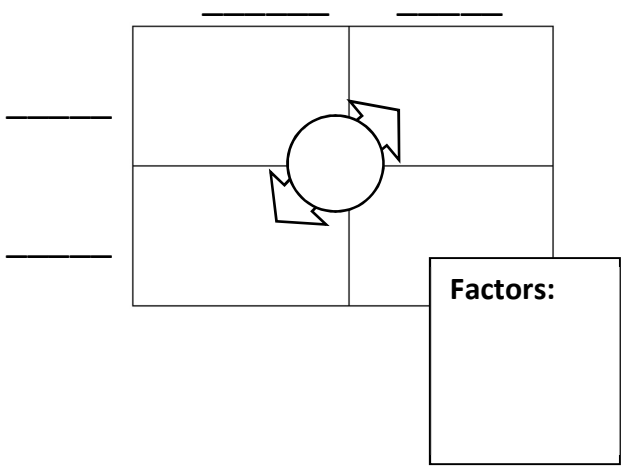

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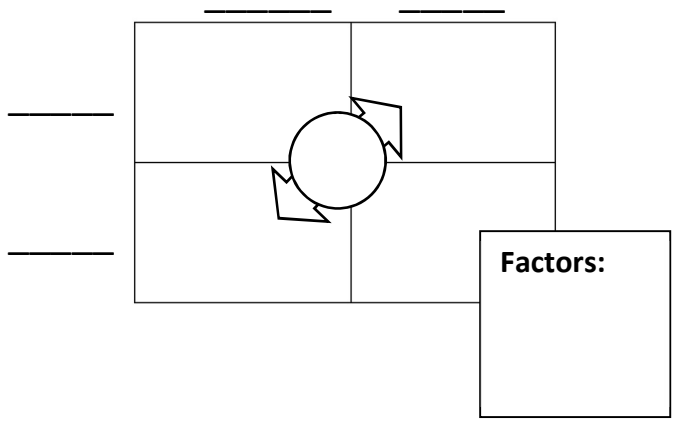

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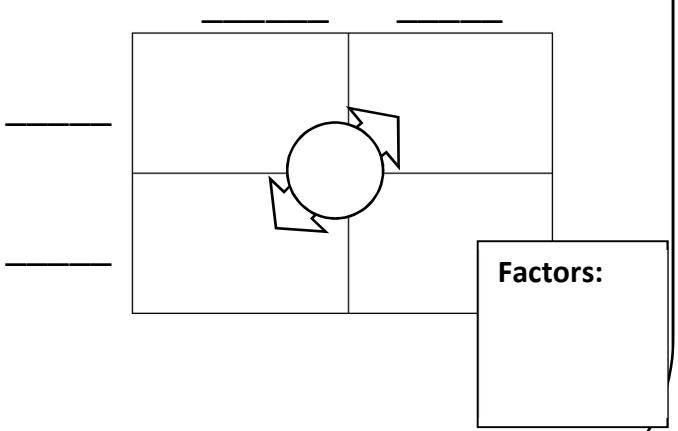

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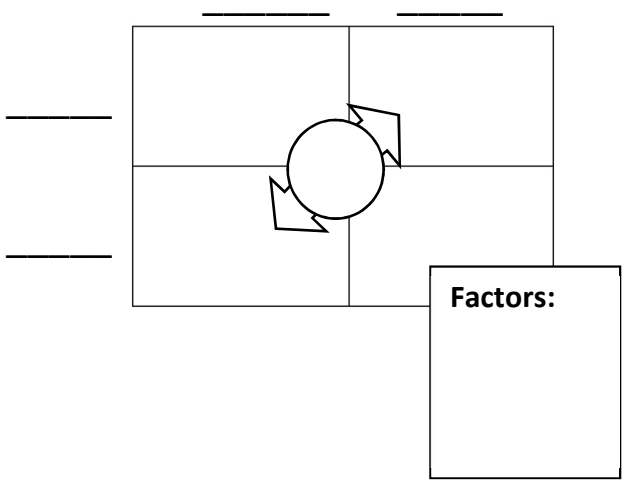

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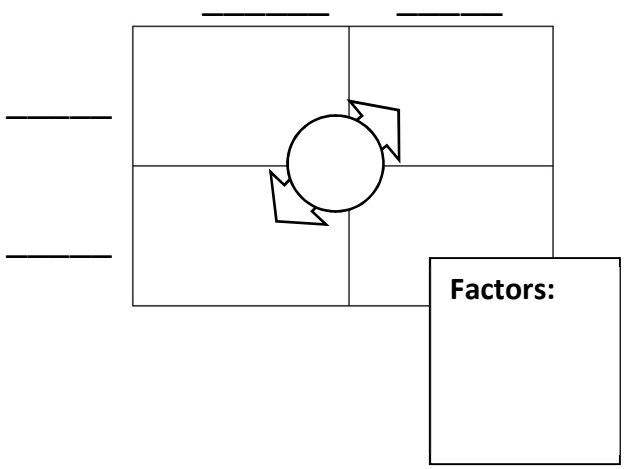

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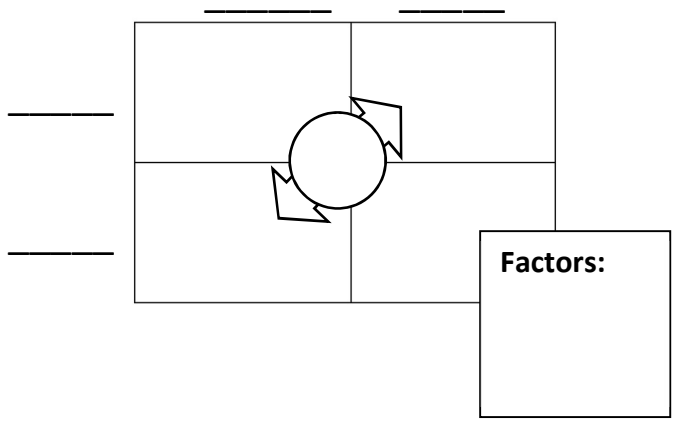

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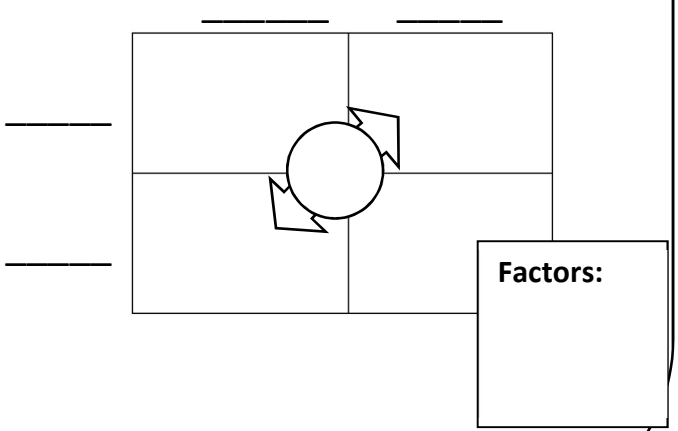

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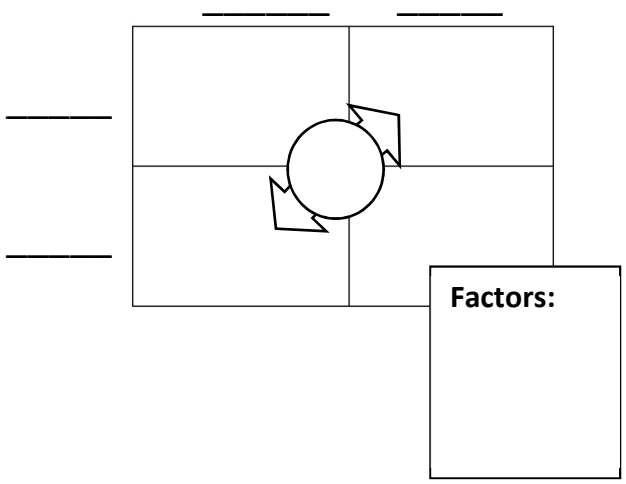

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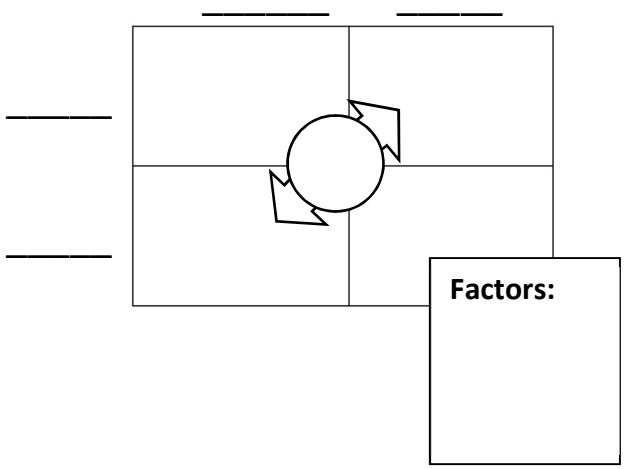

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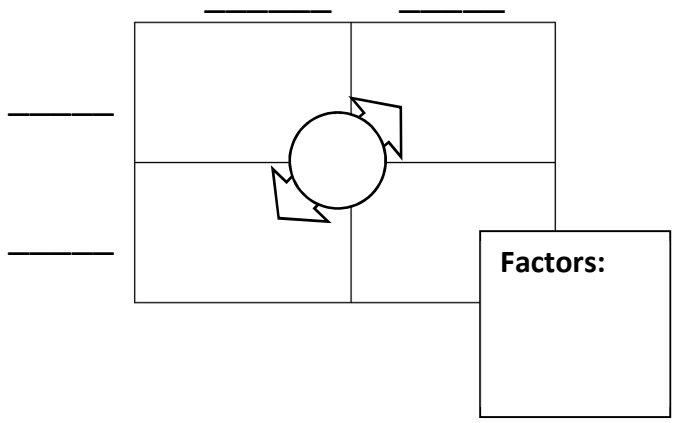

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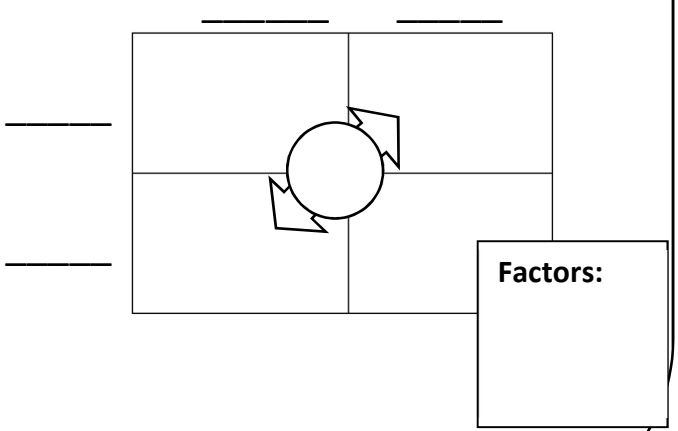

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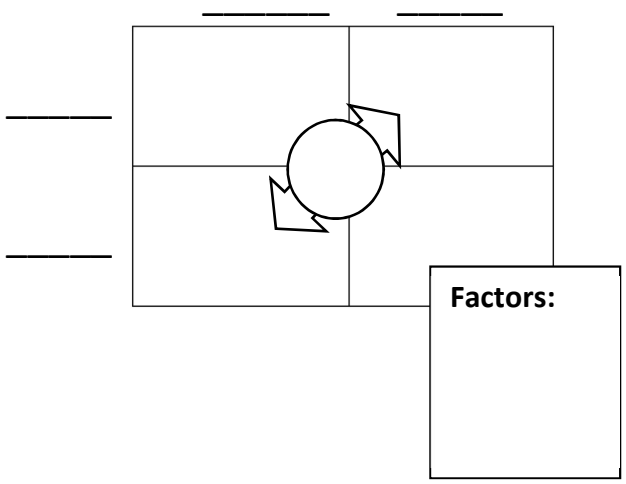

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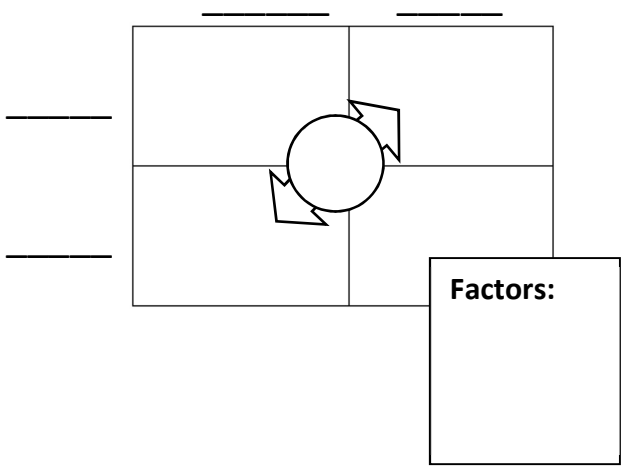

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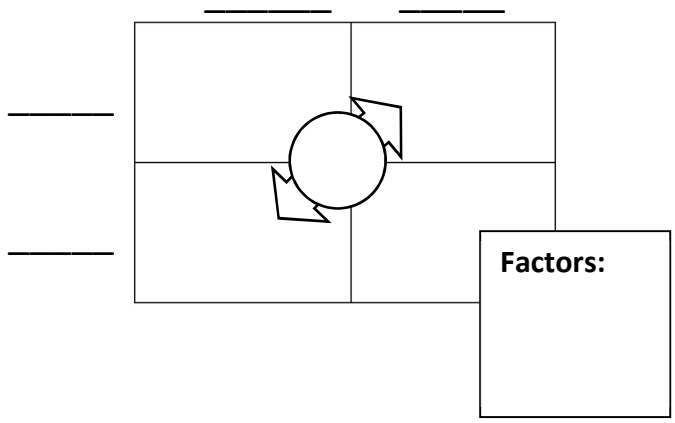

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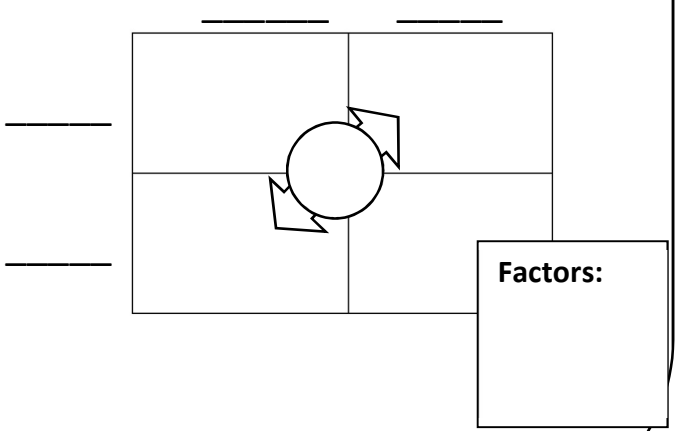

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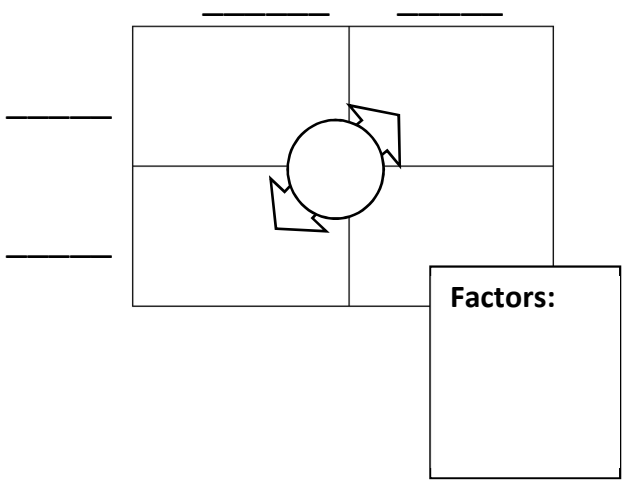

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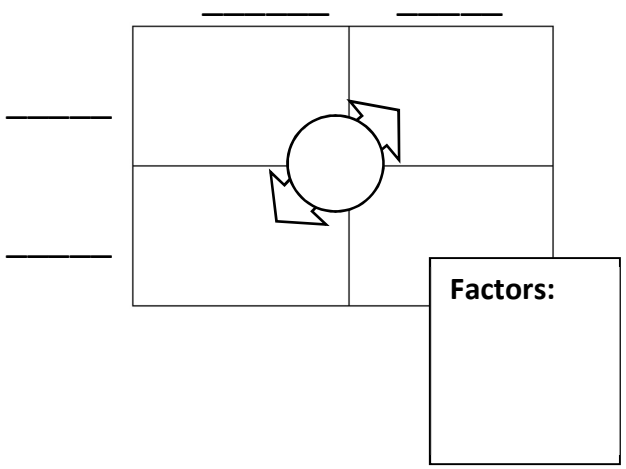

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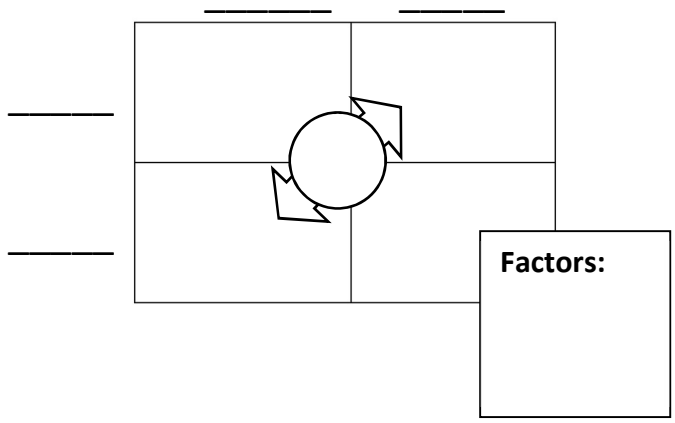

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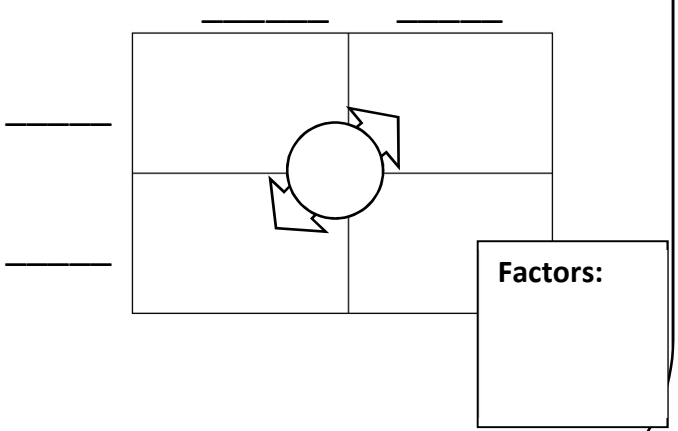

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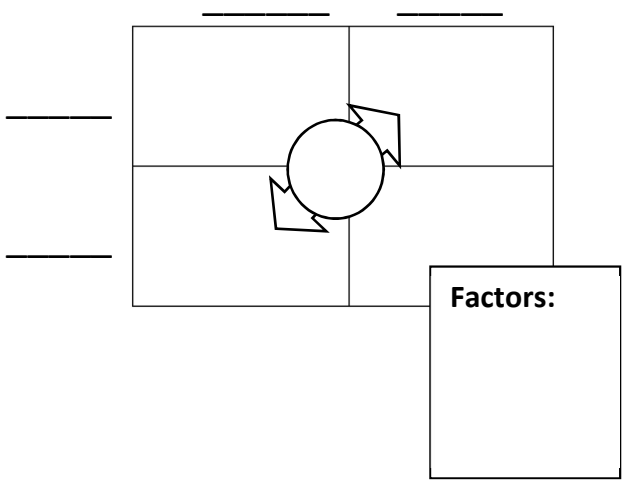

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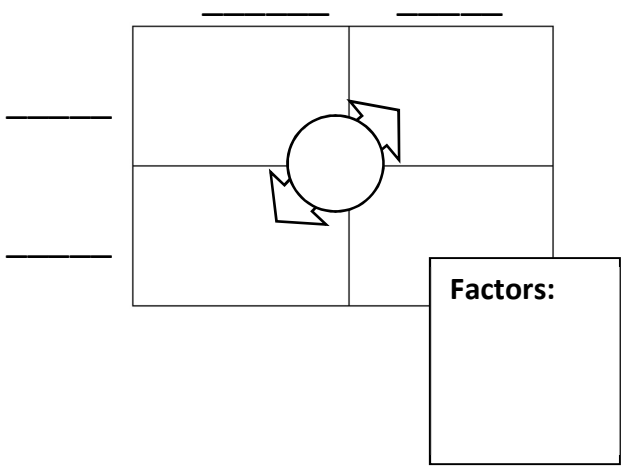

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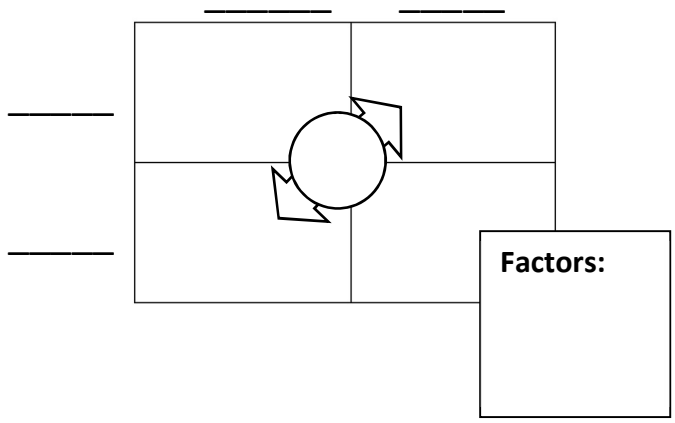

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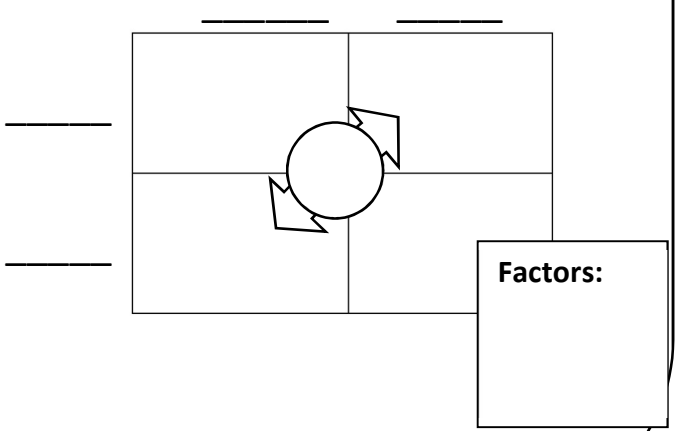

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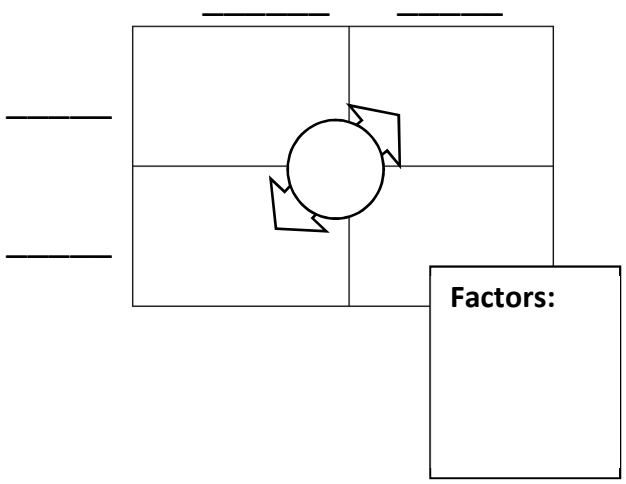

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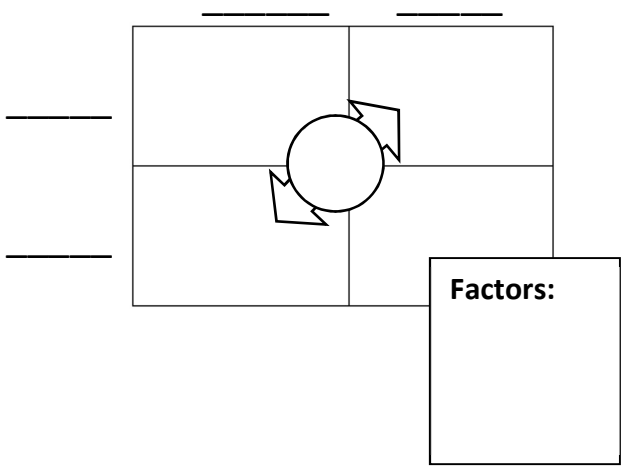

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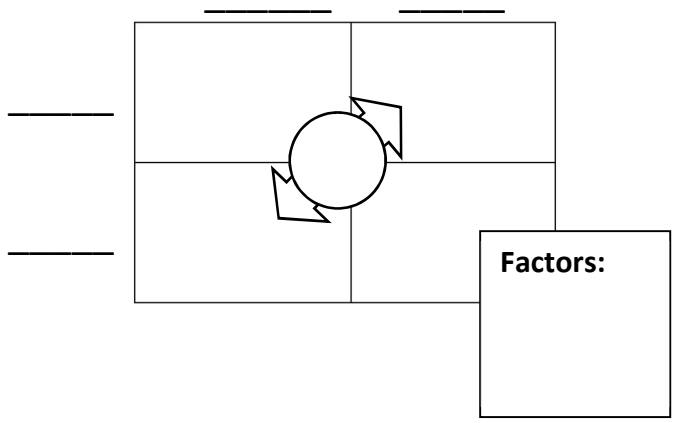

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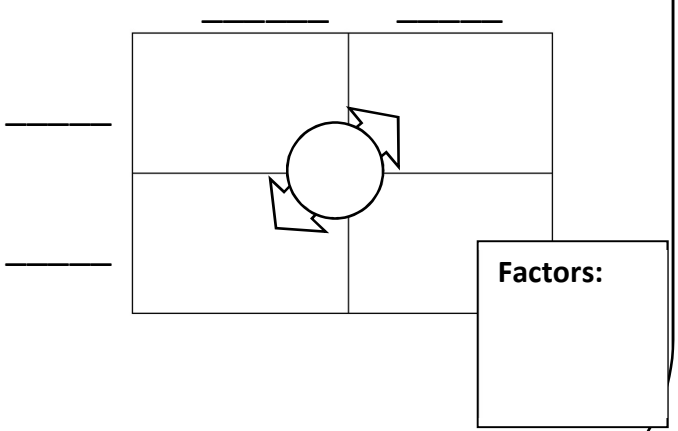

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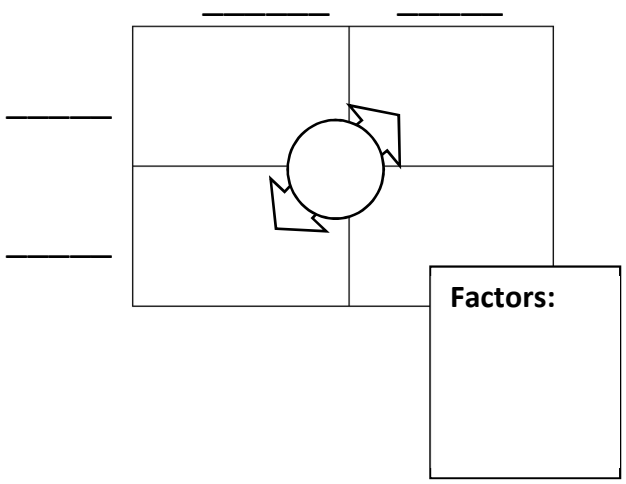

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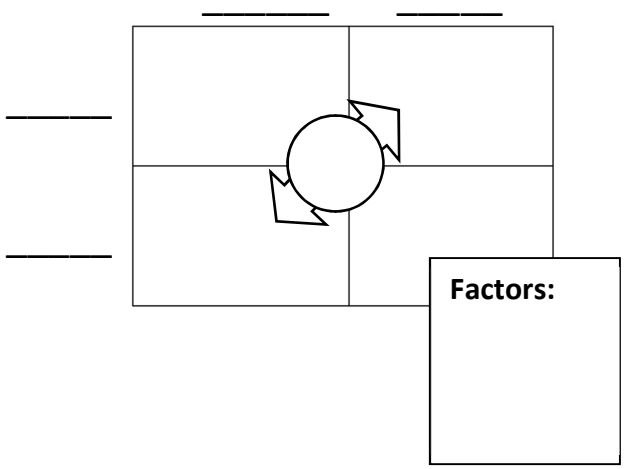

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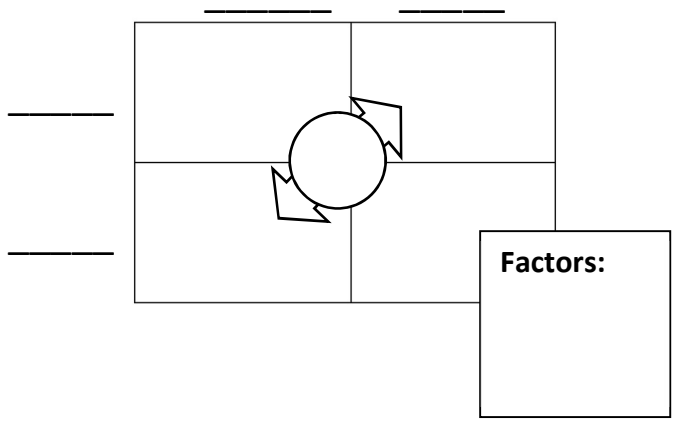

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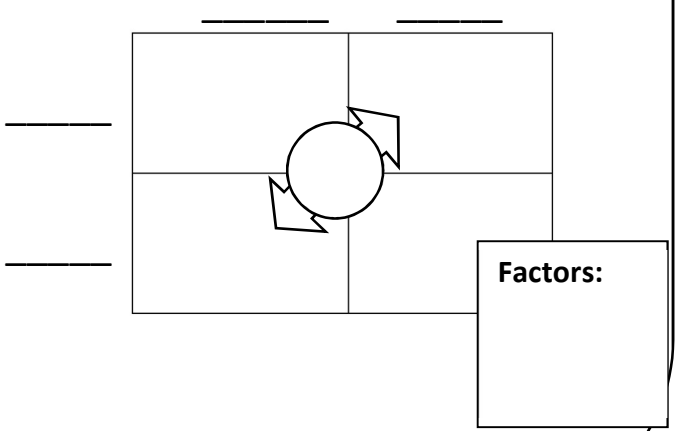

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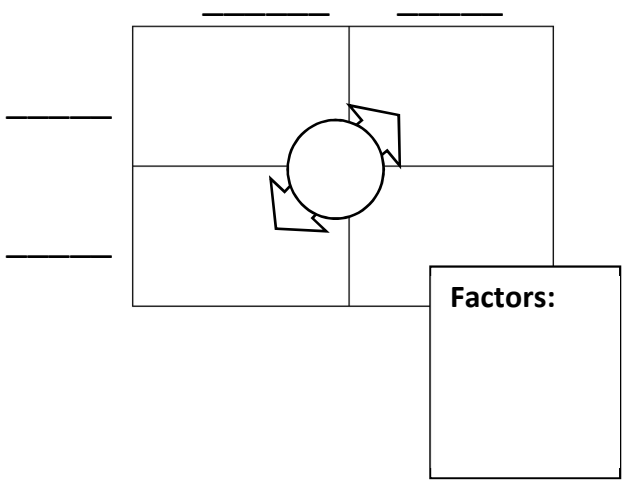

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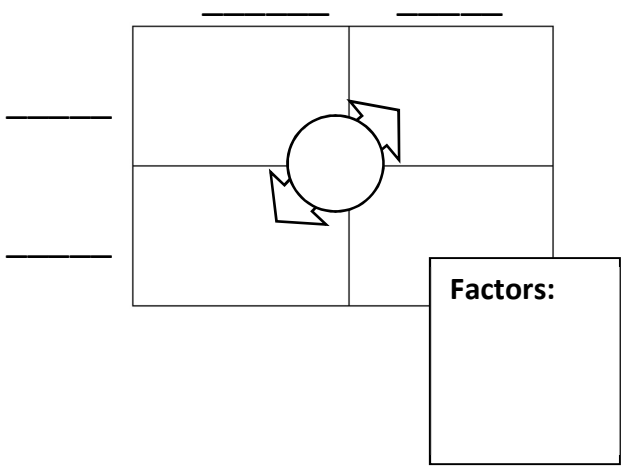

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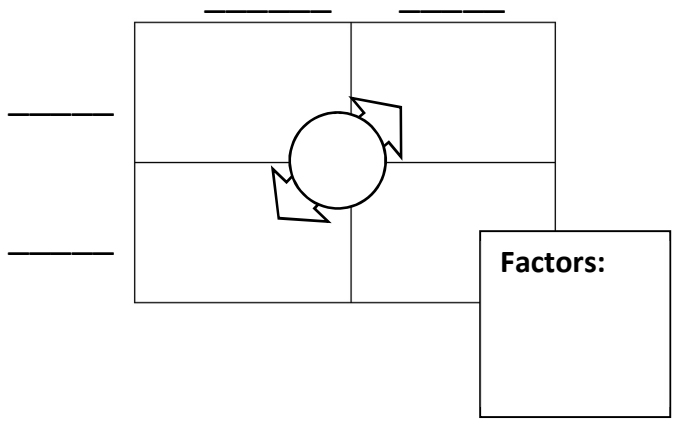

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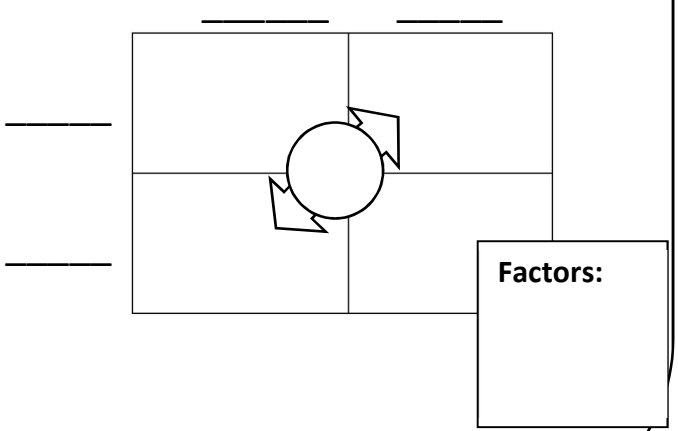

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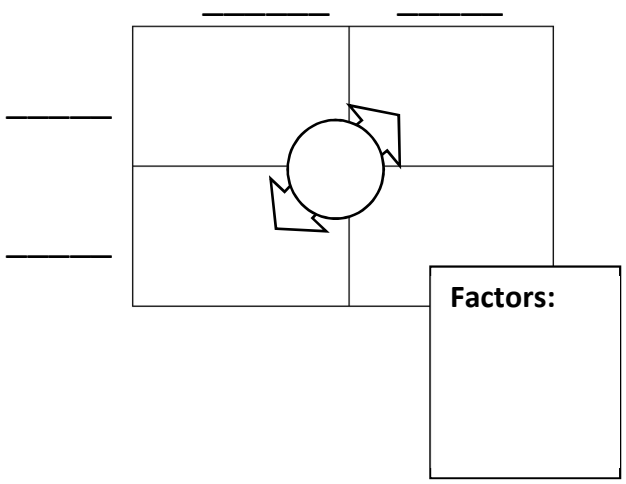

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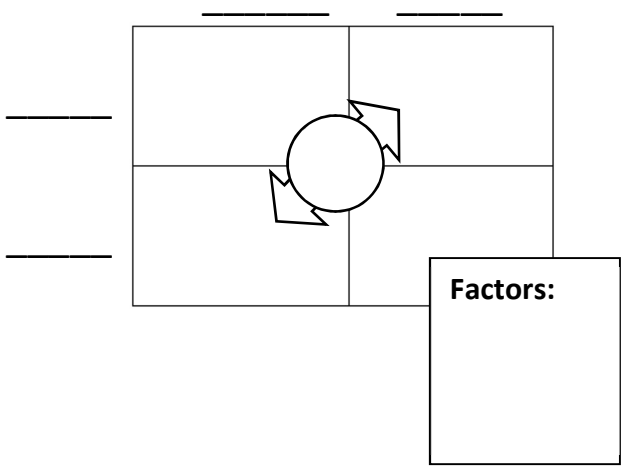

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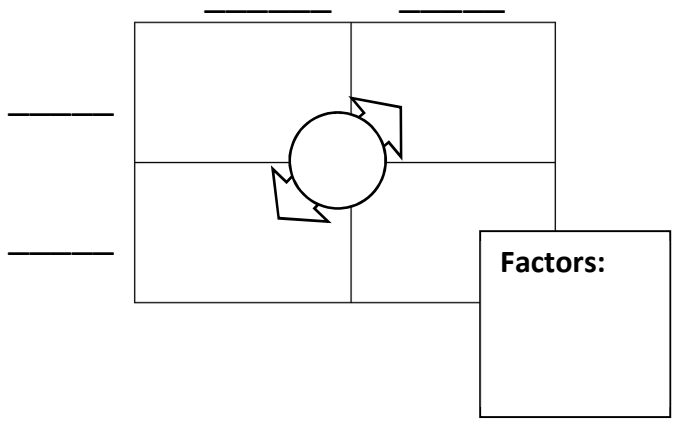

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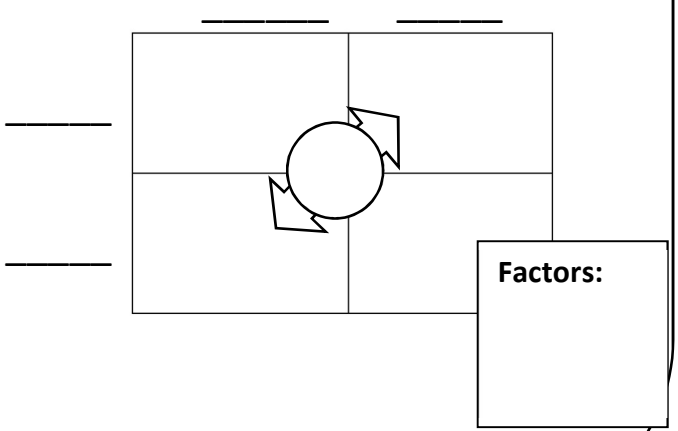

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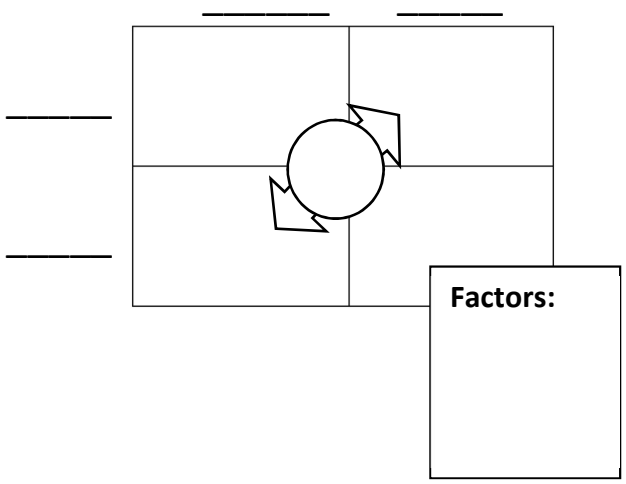

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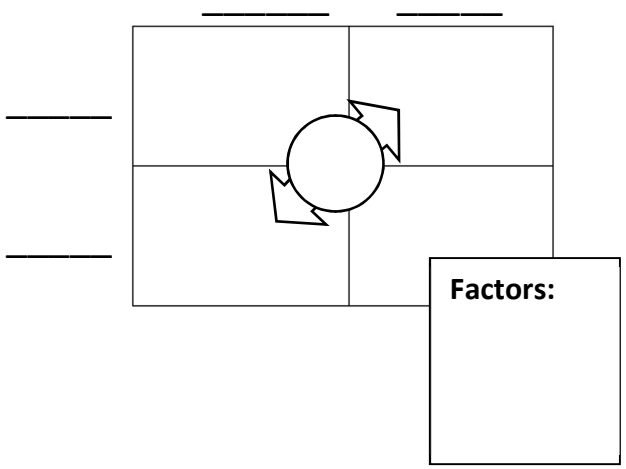

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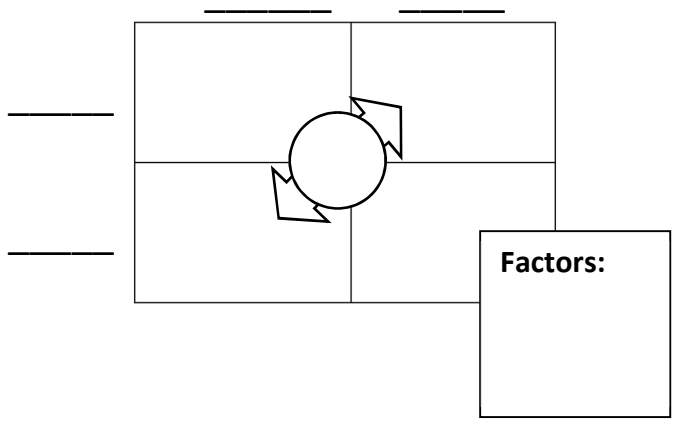

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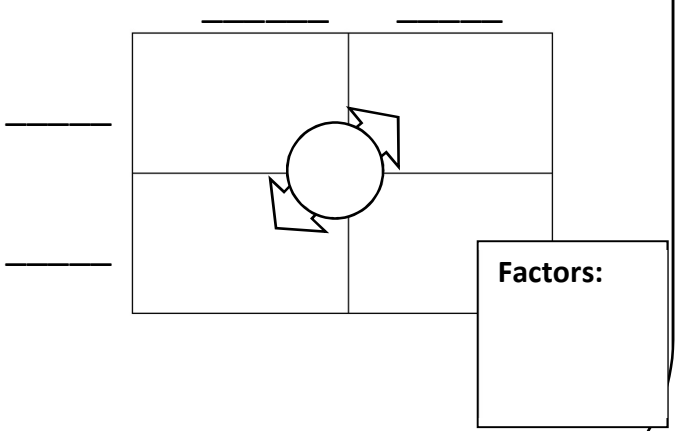

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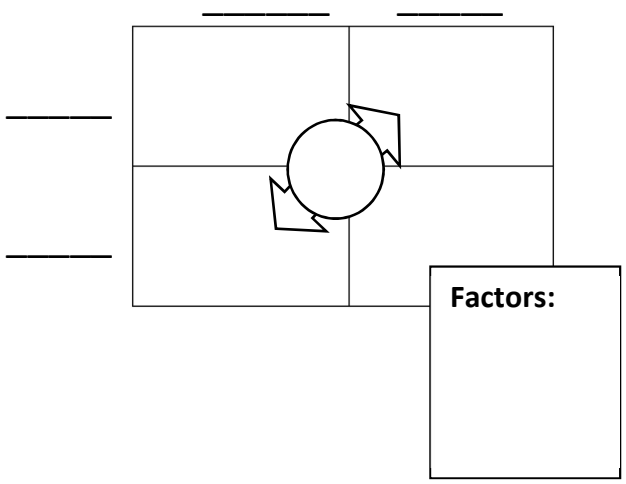

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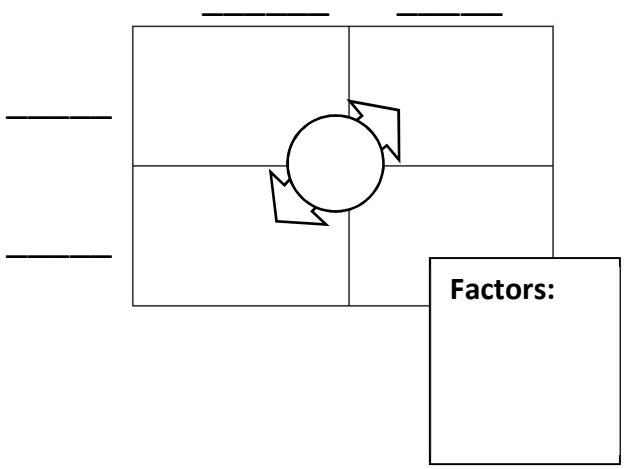

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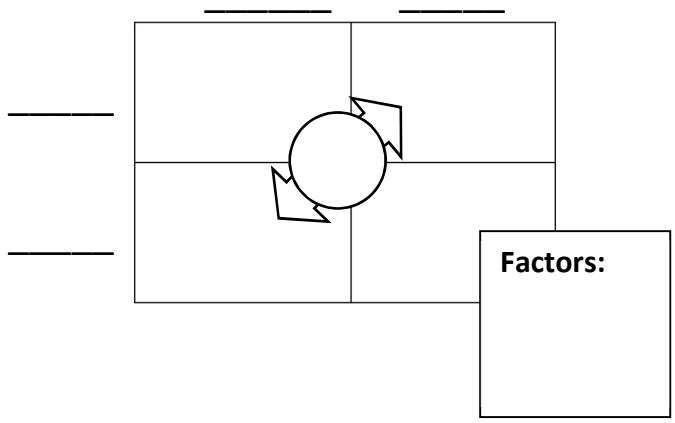

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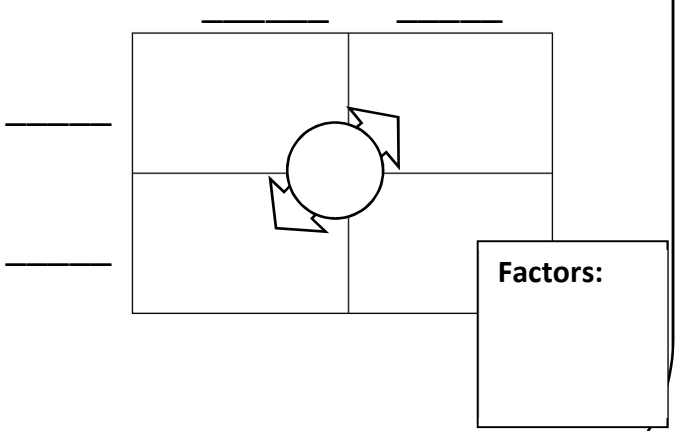

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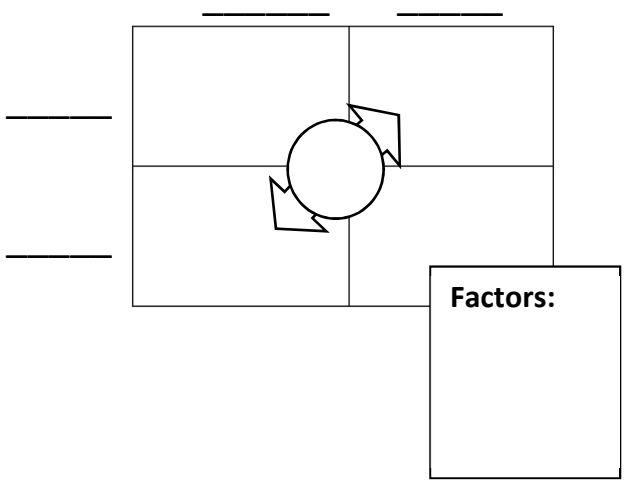

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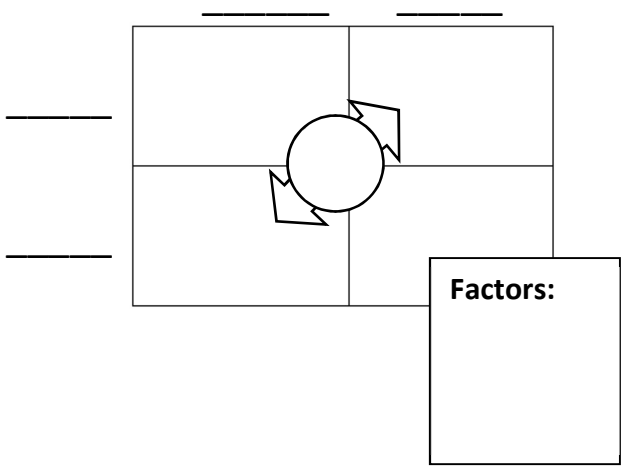

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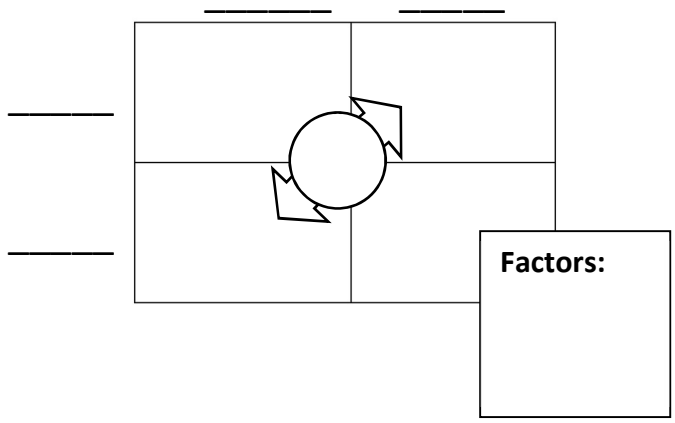

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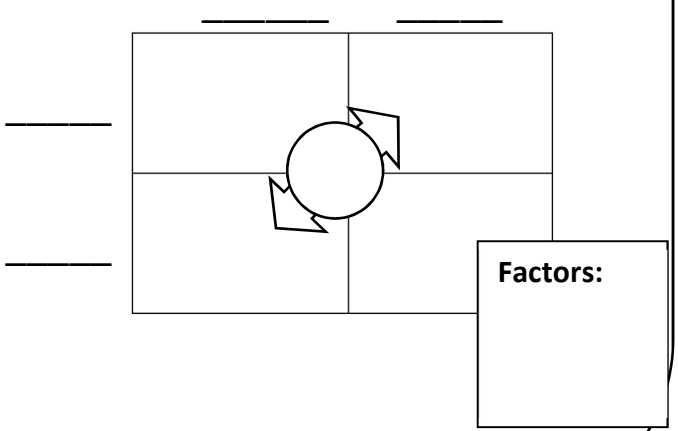

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