*This will be a group activity. NO MORE THAN 3 PEOPLE PER GROUP!
*Do your work in pencil on your poster board- OR- work it out on a piece of loose leaf first.
(You only get one piece of poster board per group!)
*Separate your paper into 7 sections as shown below. It is not necessary to label them, but you can if you would like.


Leave a big enough space on the bottom two sections to fit the graph paper and scoring guide you were provided.

Your group's points are: $(4,-5),(2,1)$

1) Write your names in the first box.
2) Write your points down in the second box.
3) Find the formula for slope and write that down. Then use the points from box 2 to find the slope. REDUCE!

## (SHOW YOUR WORK!)

4) Look through your notes and find point- slope formula. Write that in this box.

Uses a point from the 2 you were provided and your slope from box 3 to put this information in point-slope form.
5) Write the formula for slope-intercept. Convert your equation from box 4 to slope-intercept. Distribute and combine like terms. (SHOW YOUR WORK!)
6) Graph your equation by either using the pt. slope equation or slope-intercept equation.

Draw a straight line through the points. Write the equation next to the line.

## SLOPE REVIEW ACTIVITY- Slope, Point-Slope, Equivalent Algebraic Expressions, Graphing Equations

*This will be a group activity. NO MORE THAN 3 PEOPLE PER GROUP!
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Leave a big enough space on the bottom two sections to fit the graph paper and scoring guide you were provided.

Your group's points are: $(1,8),(-3,-8)$

1) Write your names in the first box.
2) Write your points down in the second box.
3) Find the formula to find slope and write that down. Then use the points from box 2 to find the slope. REDUCE!
(SHOW YOUR WORK!)
4) Look through your notes and find point- slope formula. Write that in this box.

Use a point from the 2 you were provided and your slope from box 3 to put this information in point-slope form.
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Leave a big enough space on the bottom two sections to fit the graph paper and scoring guide you were provided.

Your group's points are: $(-1,-1),(8,-10)$

1) Write your names in the first box.
2) Write your points down in the second box.
3) Find the formula for slope and write that down. Then use the points from box 2 to find the slope. REDUCE!

## (SHOW YOUR WORK!)

4) Look through your notes and find point- slope formula. Write that in this box.

Use a point from the 2 you were provided and your slope from box 3 to put this information in point-slope form.
5) Write the formula for slope-intercept. Convert your equation from box 4 to slope-intercept. Distribute and combine like terms. (SHOW YOUR WORK!)
6) Graph your equation by either using the pt. slope equation or slope-intercept equation.

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## SLOPE REVIEW ACTIVITY- Slope, Point-Slope, Equivalent Algebraic Expressions, Graphing

 Equations*This will be a group activity. NO MORE THAN 3 PEOPLE PER GROUP!
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Leave a big enough space on the bottom two sections to fit the graph paper and scoring guide you were provided.

Your group's points are: $(-10,3),(-12,2)$

1) Write your names in the first box.
2) Write your points down in the second box.
3) Find the formula to find slope and write that down. Then use the points from box 2 to find the slope. REDUCE!
(SHOW YOUR WORK!)
4) Look through your notes and find point- slope formula. Write that in this box.

Use a point from the 2 you were provided and your slope from box 3 to put this information in point-slope form.
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## SLOPE REVIEW ACTIVITY- Slope, Point-Slope, Equivalent Algebraic Expressions, Graphing Equations

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$$
\text { Your group's points are: }(4,3),(3,1)
$$

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## SLOPE REVIEW ACTIVITY- Slope, Point-Slope, Equivalent Algebraic Expressions, Graphing

 Equations*This will be a group activity. NO MORE THAN 3 PEOPLE PER GROUP!
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Leave a big enough space on the bottom two sections to fit the graph paper and scoring guide you were provided.

Your group's points are: $(-2,-6),(3,-6)$

1) Write your names in the first box.
2) Write your points down in the second box.
3) Find the formula to find slope and write that down. Then use the points from box 2 to find the slope. REDUCE!
(SHOW YOUR WORK!)
4) Look through your notes and find point- slope formula. Write that in this box.

Use a point from the 2 you were provided and your slope from box 3 to put this information in point-slope form.
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Your group's points are: $(-10,-4),(15,-9)$

1) Write your names in the first box.
2) Write your points down in the second box.
3) Find the formula to find slope and write that down. Then use the points from box 2 to find the slope. REDUCE!
(SHOW YOUR WORK!)
4) Look through your notes and find point- slope formula. Write that in this box.

Use a point from the 2 you were provided and your slope from box 3 to put this information in point-slope form.
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6) Graph your equation by either using the pt. slope equation or slope-intercept equation.

Draw a straight line through the points. Write the equation next to the line.

## SLOPE REVIEW ACTIVITY- Slope, Point-Slope, Equivalent Algebraic Expressions, Graphing

 Equations*This will be a group activity. NO MORE THAN 3 PEOPLE PER GROUP!
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*Separate your paper into 7 sections as shown below. It is not necessary to label them, but you can if you would like.


Leave a big enough space on the bottom two sections to fit the graph paper and scoring guide you were provided.

Your group's points are: $(-8,-4),(-12,-3)$

1) Write your names in the first box.
2) Write your points down in the second box.
3) Find the formula to find slope and write that down. Then use the points from box 2 to find the slope. REDUCE!

## (SHOW YOUR WORK!)

4) Look through your notes and find point- slope formula. Write that in this box.

Use a point from the 2 you were provided and your slope from box 3 to put this information in point-slope form.
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Draw a straight line through the points. Write the equation next to the line.

## SLOPE REVIEW POSTER

## Scoring Guide

a) All group members names legibly written on poster 2 pts: $\qquad$
b) Points written as ordered pairs
c) Slope formula

Slope (w/ work shown)
d) Point- Slope formula

Point- Slope Equation
e) Slope- Intercept Formula

Conversion to slope intercept (w/ work shown)
2pts: $\qquad$
2pts: $\qquad$
4pts: $\qquad$ 2pts: $\qquad$ 4pts: $\qquad$ 2pts: $\qquad$
4pts: $\qquad$
f) Equation graphed properly

Equation written next to line
5pts: $\qquad$
1pt:
g) Poster set up properly

2pts: $\qquad$


## SLOPE REVIEW POSTER

## Scoring Guide

a) All group members names legibly written on poster

2pts: $\qquad$
b) Points written as ordered pairs

2pts: $\qquad$
c) Slope formula
d) Point- Slope formula

Point- Slope Equation
e) Slope- Intercept Formula

Conversion to slope intercept (w/ work shown)
f) Equation graphed properly

Equation written next to line
g) Poster set up properly
$\qquad$

> Slope (w/ work shown)

2pts: $\qquad$
4pts: $\qquad$
2pts:
4pts: $\qquad$
2pts: $\qquad$
4pts: $\qquad$
5pts: $\qquad$
1pt: $\qquad$
2pts:


