

# Jeopardy

Equations	Angles	Mean, Median, Mode	Word Problems	Graphs
<u>\$100</u>	<u>\$100</u>	<u>\$100</u>	<u>\$100</u>	<u>\$100</u>
<u>\$200</u>	<u>\$200</u>	<u>\$200</u>	<u>\$200</u>	<u>\$200</u>
<u>\$300</u>	<u>\$300</u>	<u>\$300</u>	<u>\$300</u>	<u>\$300</u>
<u>\$400</u>	<u>\$400</u>	<u>\$400</u>	<u>\$400</u>	<u>\$400</u>
<u>\$500</u>	<u>\$500</u>	<u>\$500</u>	<u>\$500</u>	<u>\$500</u>

Final Jeopardy

# Equations - \$100

- Denise read 42 more pages than Elaine. Elaine read a total of 71 pages. How many pages did Denise read?
- 103 pages



# Equations - \$200

- Bill spent \$27.34 on groceries. He paid with a \$50.00. How much change should he have received?
- \$22.66



# Equations - \$300

- A book is on sale for 12% off. If the regular price is \$14.50, how much does the book cost on sale?
- \$12.76



# Equations - \$400

- $x - 23 = 45$

- $x = 68$



# Equations - \$500

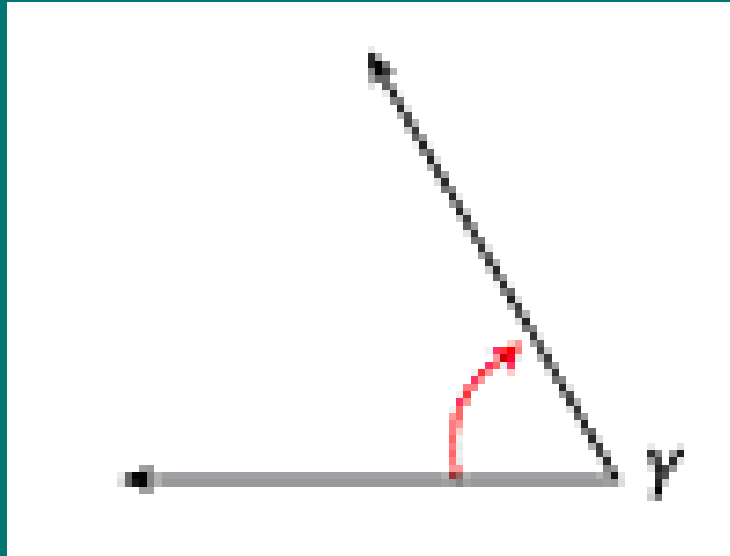
1.  $3x + 9 = 36$

■  $x=9$



# Angles - \$100

- What type of angle is this?

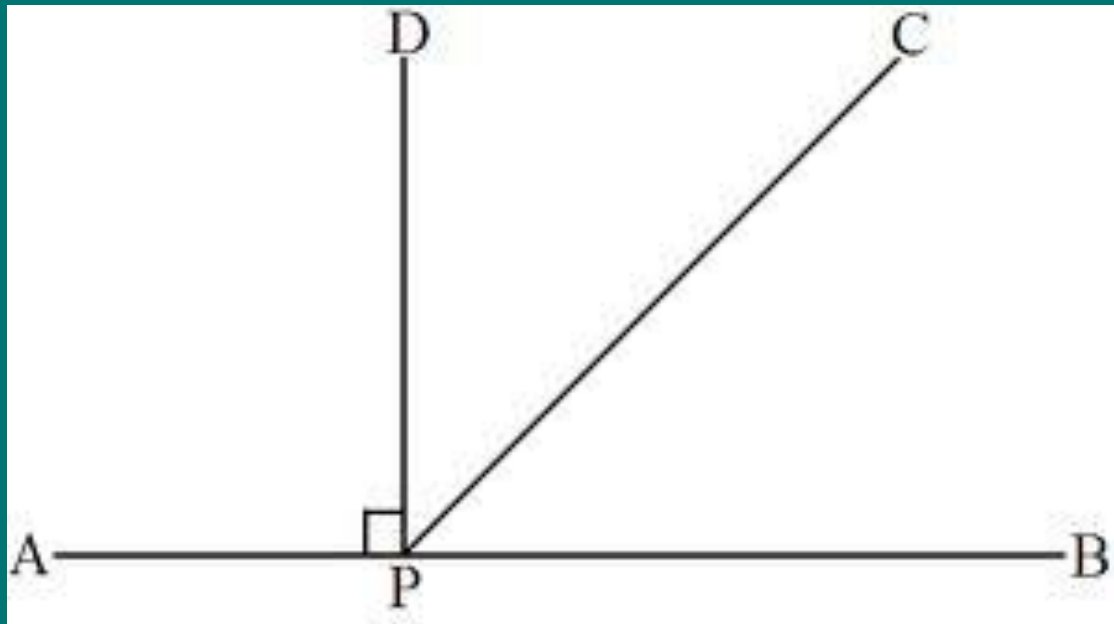


- Acute



# Angles - \$200

- Which is supplementary?



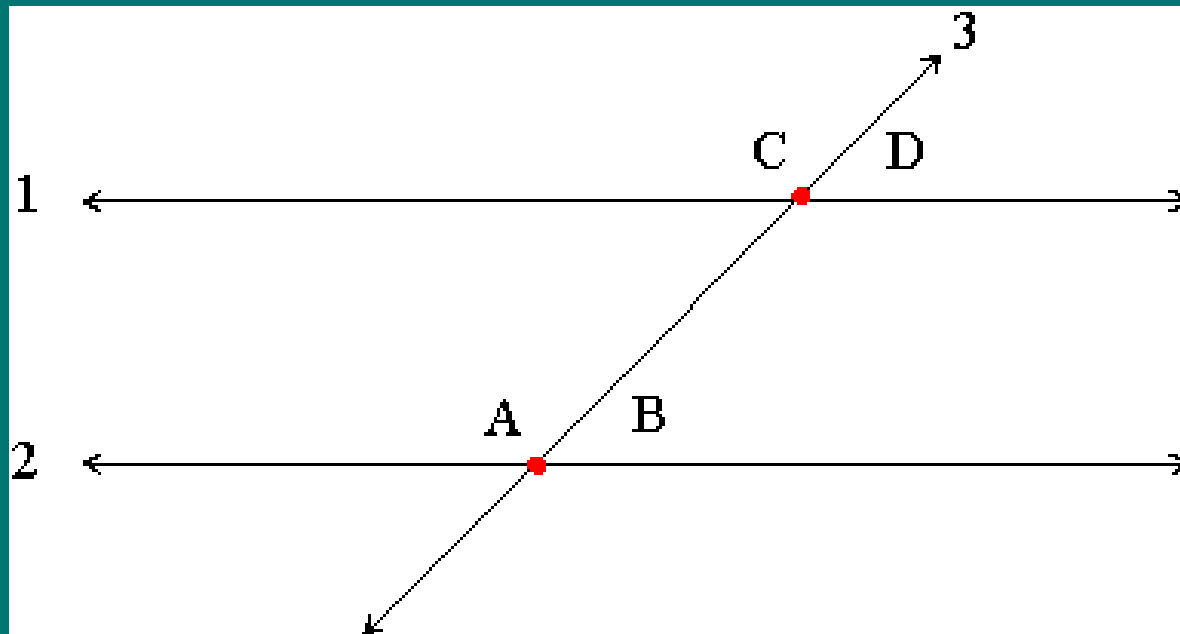
- The line AB





# Angles - \$300

- If D is  $37^\circ$  what is the measure of B?

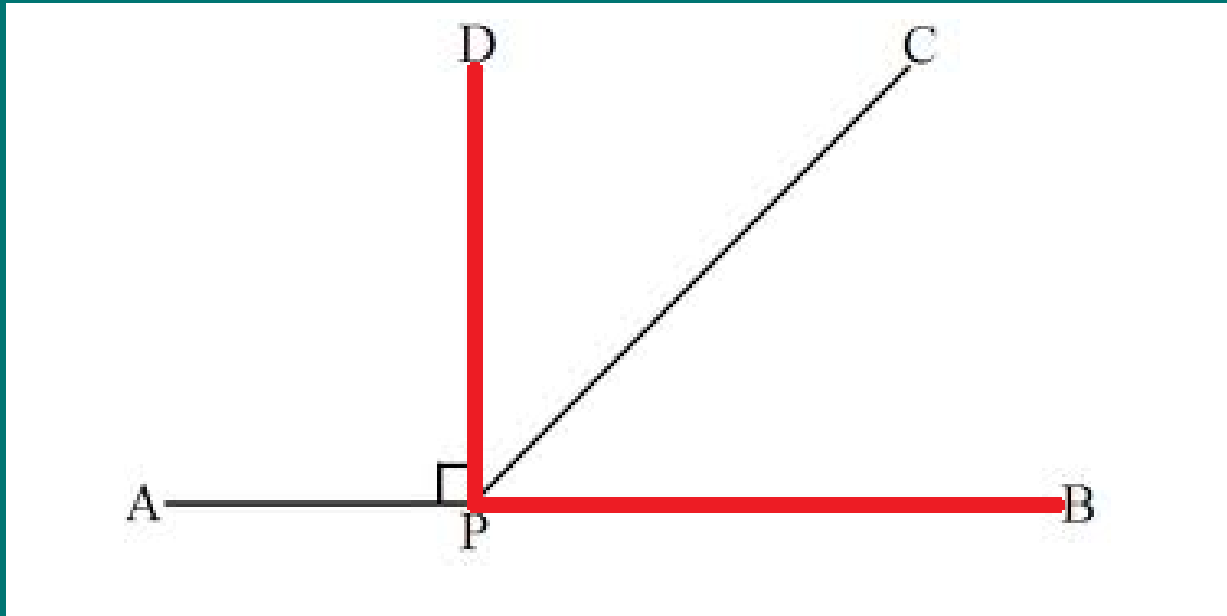


- $37^\circ$



# Angles - \$400

- What is the measure of the angle DPB (the red one)?

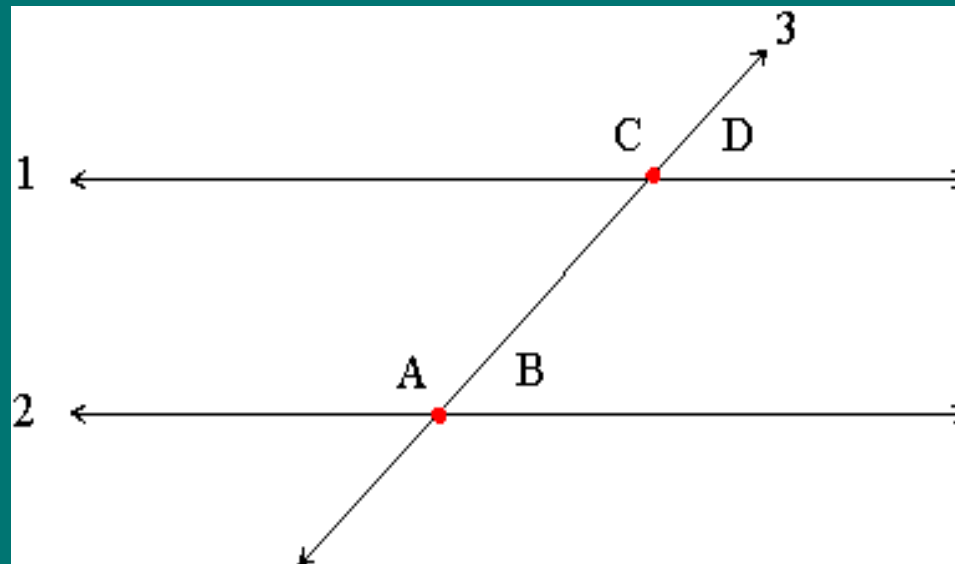


- $90^\circ$



# Angles - \$500

- If the measure of B is  $43^\circ$  what is the measure of A?



- $137^\circ$



# MMM - \$100

- What is the mean of: 23,65,37,41, & 94?

- 52



# MMM - \$200

- What is the mode of:  
2,2,3,4,5,6,6,7,7,7,8,9,9,10,11,12?

- 7



# MMM - \$300

- What is the median of: 2,3,4,6,8,12,14,15,17?

- 8



# MMM - \$400

- What is the mean of: 120, 45, 63, 78, 31, &, 52?

- 64.83



# MMM - \$500

- What is the median of:  
2,5,12,14,16,22,34,45,67,81

- 19





# Word Problem - \$100

- **What is the area of the square?**



- **9 yards<sup>2</sup>**



# Word Problem - \$200

- What is the area, in square feet, of a circle with a diameter of 8 feet?
- $A = \pi d$  or  $\pi r^2$ , So the area is  $8\pi \text{ ft}^2$



# Word Problem - \$300

- Tony ate dinner at a restaurant. His meal cost \$14.65, including tax. How much will Tony pay for his dinner if he leaves an 18% tip?
- \$17.29



# Word Problem - \$400

- Sue bought 4 rings for her mom. Each ring cost the same amount of money. The total cost was \$31. What is the cost, in dollars, for 1 ring?
- \$7.75



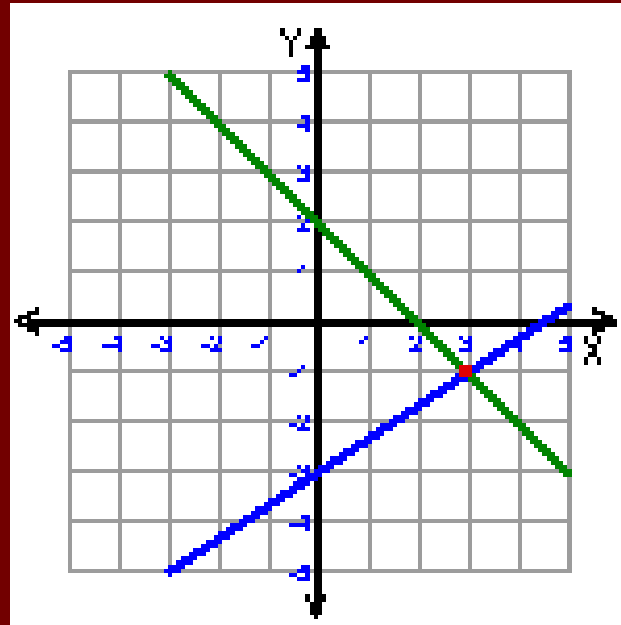
# Word Problem - \$500

- Scott is saving money to buy a football ticket that costs \$48. He receives \$5 every week for doing chores at home. Scott spends \$1.50 every week and saves the rest.
- How many weeks will it take Scott to have enough money to purchase the football ticket?
- 14 weeks



# Graphs - \$100

- Which line has a positive slope? The blue or green line?

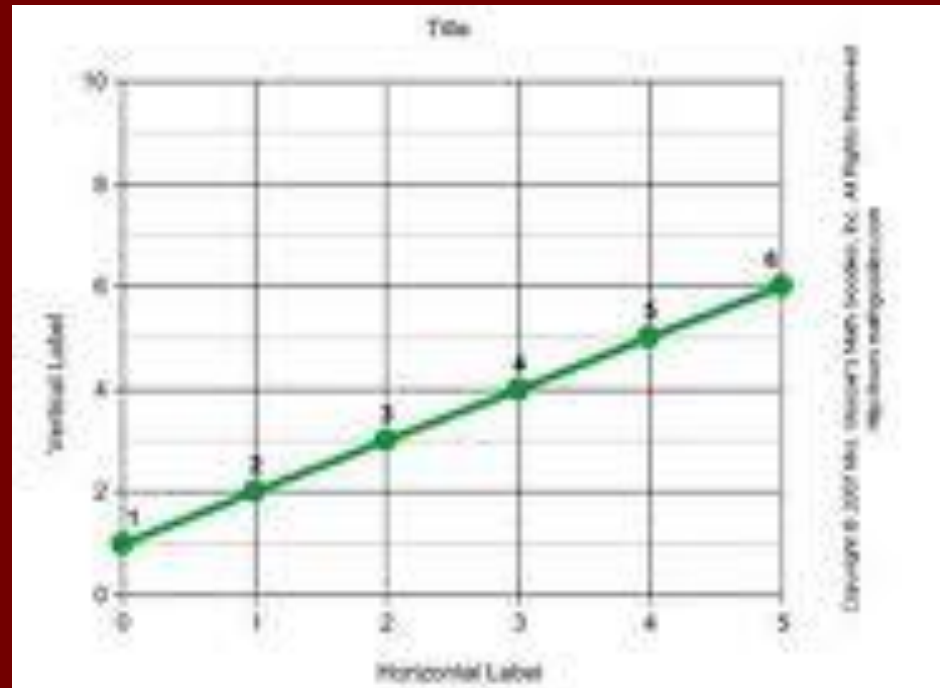


- The Blue line



# Graphs - \$200

- What is the slope of the graph?



- Slope is  $1/1=1$



# Graphs - \$300

■ Which ordered pair is a solution of  $y = x + 4$ ?

A. (0, 0)

B. (5, 54)

C. (7, 28)

D. (9, 13)

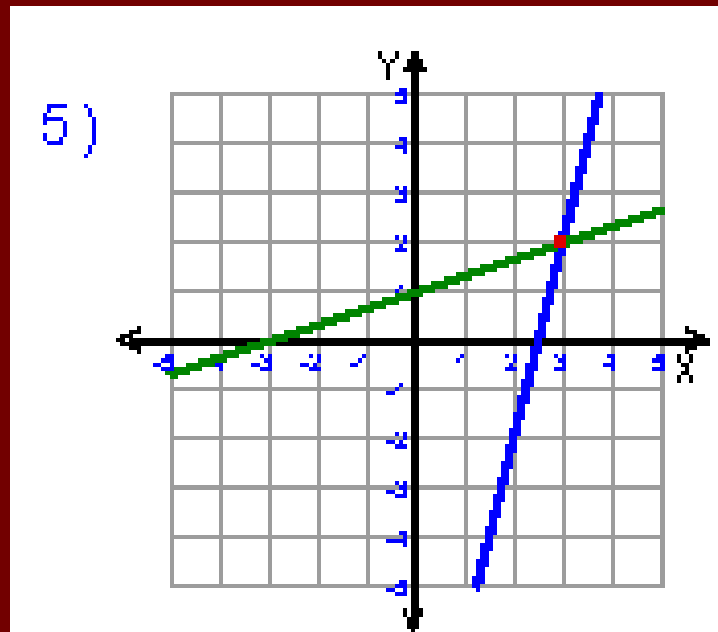
■ D





# Graphs - \$400

- At what point are the two lines intersecting?



- The point (3,2)

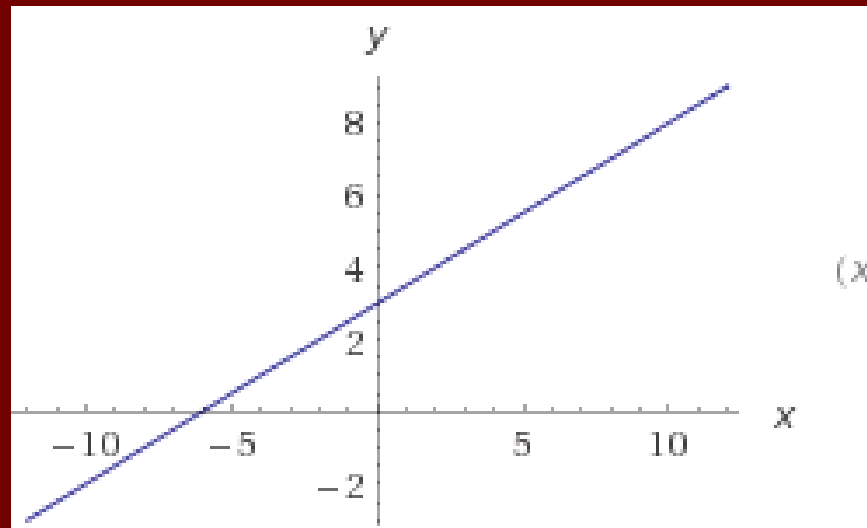


# Graphs - \$500

- Graph the equation

$$y = \frac{1}{2}x + 3$$

- Graph:



# Final Jeopardy

- The data below shows Rachel's test scores in Mrs. Reel's math class.

65, 85, 85, 85, 90, 90, 95, 95, 100, 100

Mrs. Reel allows Rachel to use the mean, median, or mode of her test scores to represent her final grade.

Which of the following gives Rachel the highest final grade?

- The Median: 90

