
JEOPARDY!

				
$100	$100	$100	$100	$100
$200	$200	$200	$200	$200
$300	$300	$300	$300	$300
$400	$400	$400	$400	$400
$500	$500	$500	$500	$500

Parallel Lines & Perpendicular Lines

What’s your type?

Transverse It

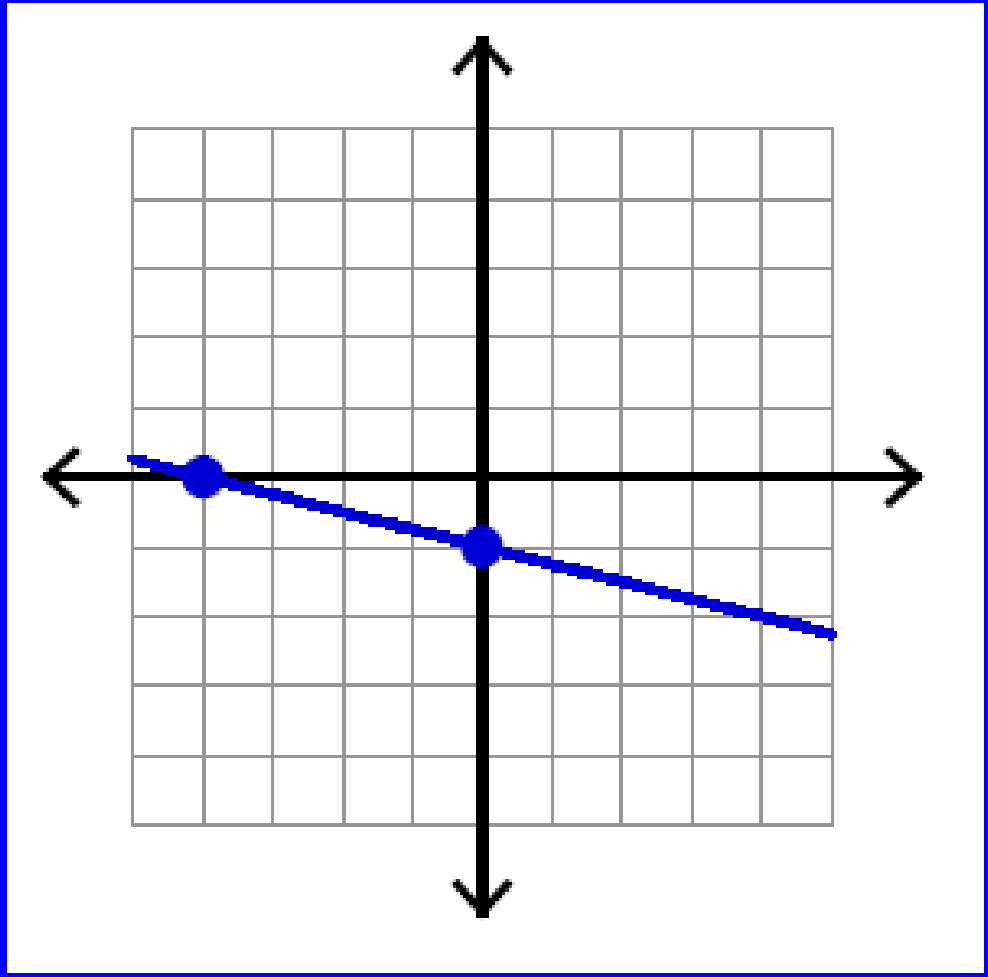
Slope & Intercept

Terms to Know

Parallel & Perpendicular	What's your type?	Transverse It	Slope & Intercept	Terms to Know
$100	$100	$100	$100	$100
$200	$200	$200	$200	$200
$300	$300	$300	$300	$300
$400	$400	$400	$400	$400
$500	$500	$500	$500	$500

CATEGORY 1 - $100

Find the equation of the ling in the graph below



CATEGORY 1 - $200

The equation of the line that is perpendicular to the y-axis and passes through the point (5, -10)

CATEGORY 1 - $300

The equation of the line that is parallel to $3y - 6x = 20$ and passes through the point $(-4, 5)$

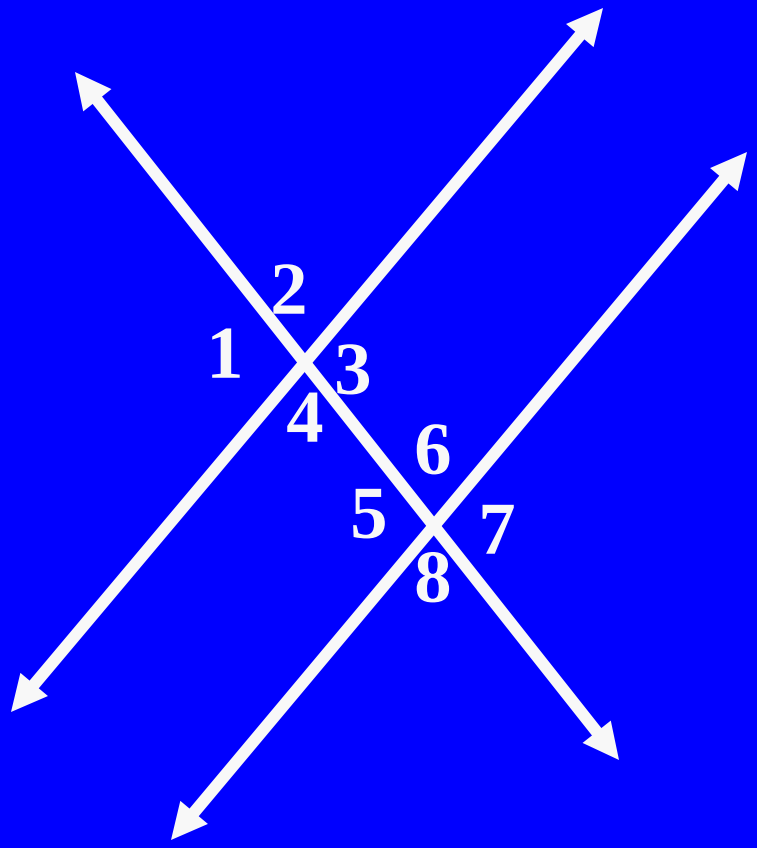
CATEGORY 1 - $400

The equation of the line that is perpendicular to $y = -5x - 9$ and passes through the point (20, -3)

CATEGORY 1 - $500

Find the equation of the line that is the perpendicular bisector to the segment with endpoints (3, 7) and (5, 11)?

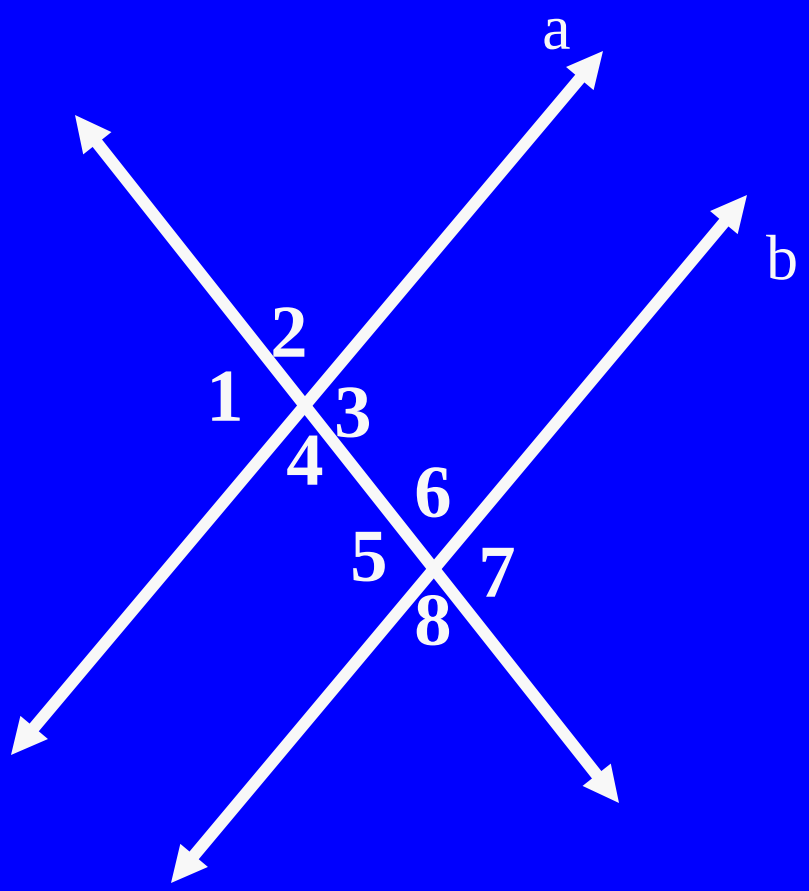
CATEGORY 2 - $100



The conditional statement to prove that

$< 5 \cong < 7$

CATEGORY 2 - $200

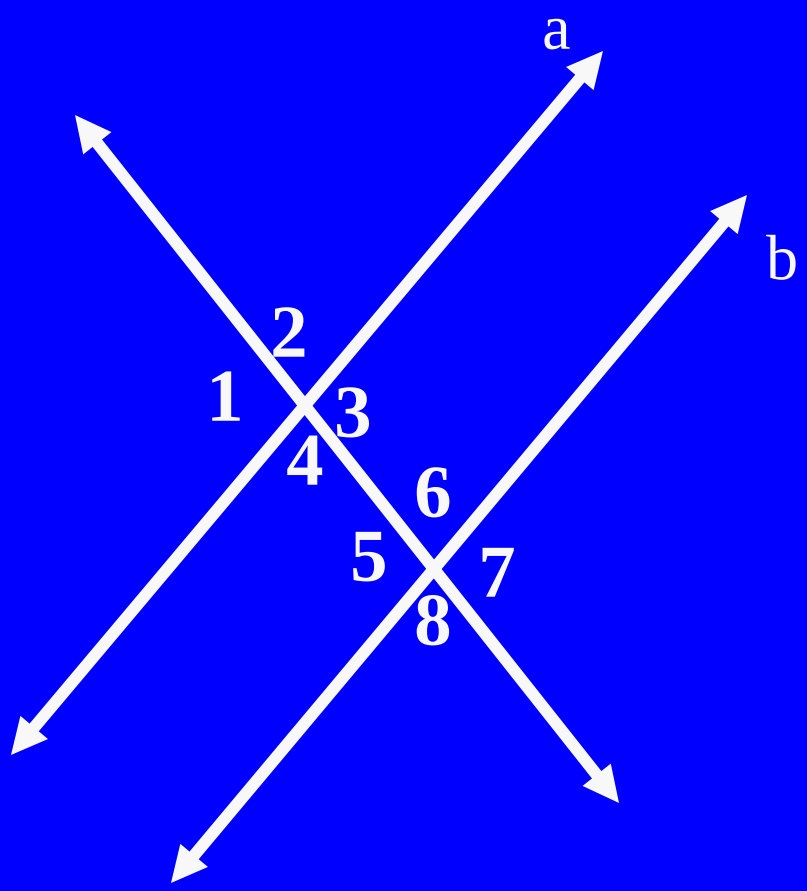


Given: a || b

The conditional statement to prove that

< 4 ≅ < 8

CATEGORY 2 - $300

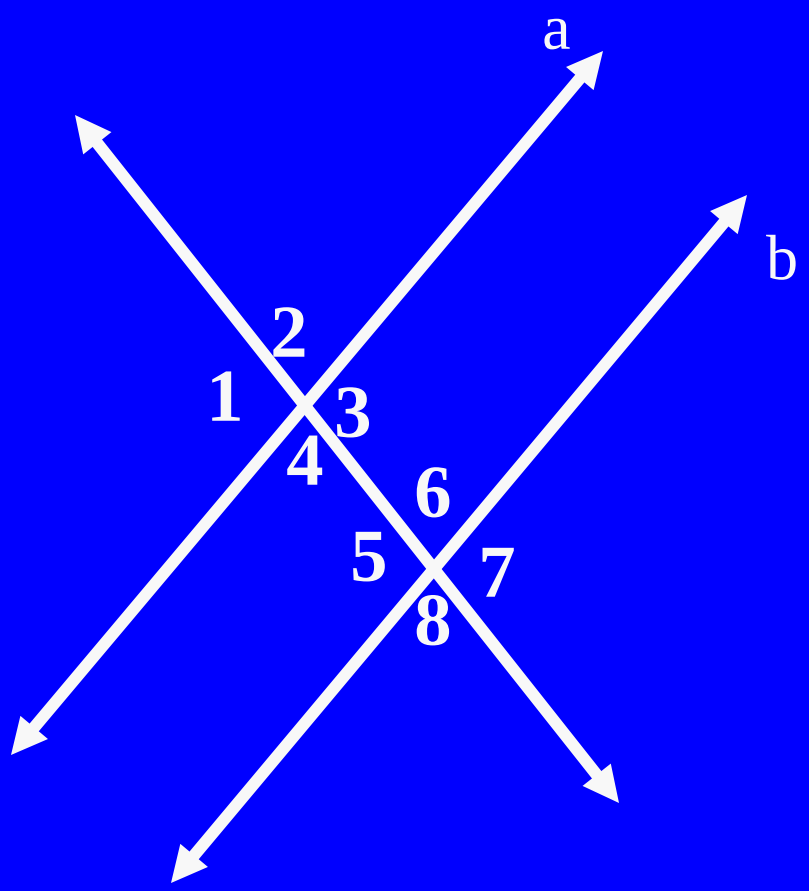


Given: a || b

The conditional statement to prove that

< 2 ≅ < 8

CATEGORY 2 - $400

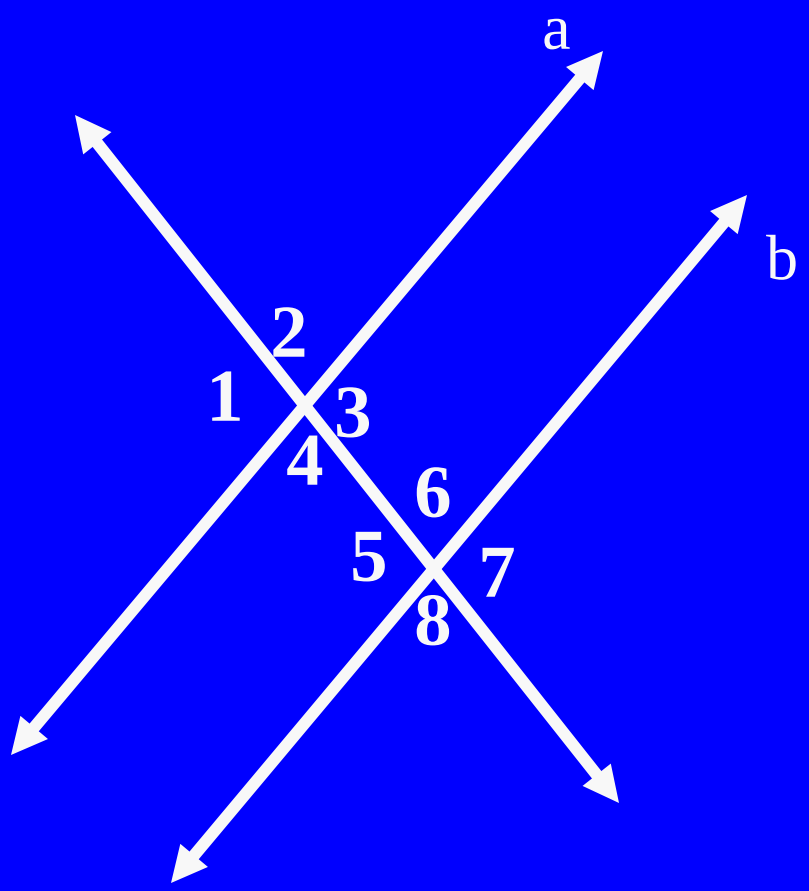


Given: $\angle 3 \cong \angle 5$

The conditional statement to prove that

a || b

CATEGORY 2 - $500

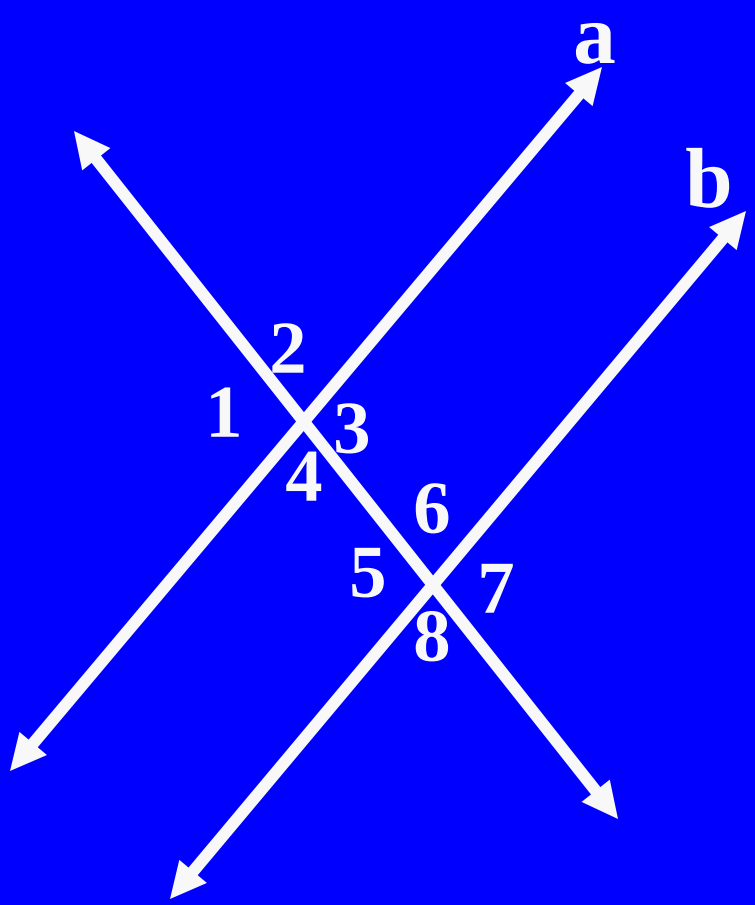


Given: $\angle 2 \cong \angle 7$

The conditional statement to prove that

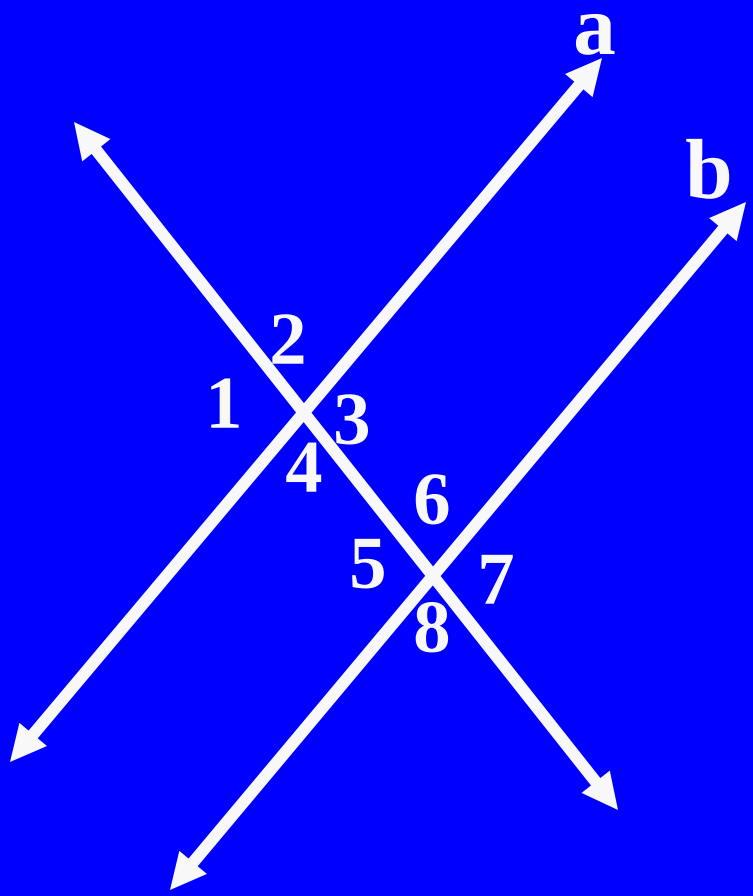
a || b

CATEGORY 3 - $100



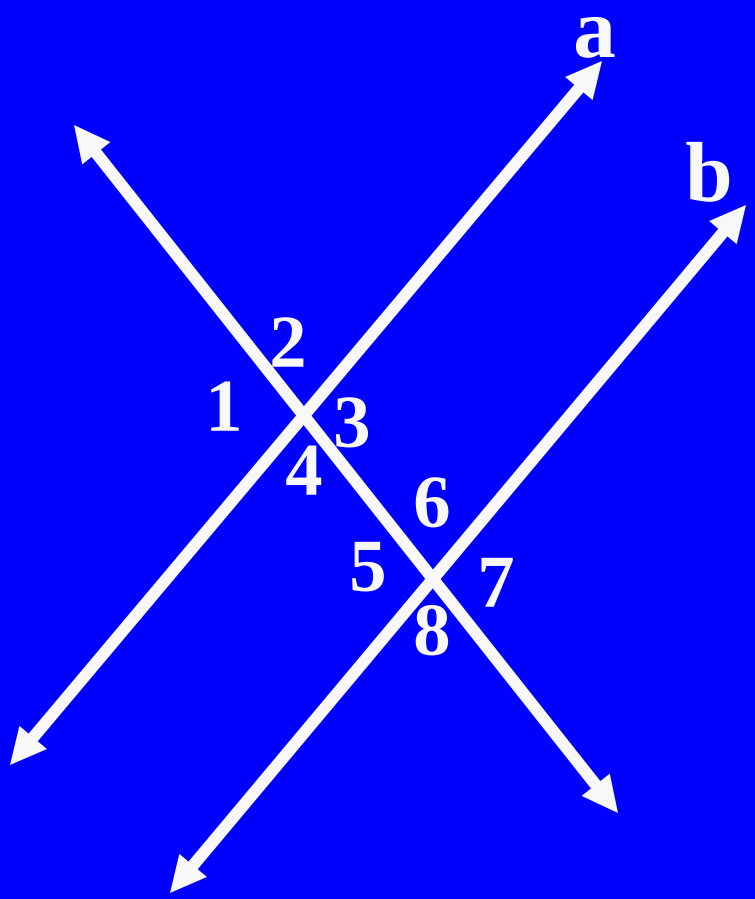
$m\angle 5$ if $a \parallel b$ and $m\angle 1 = 95$.

CATEGORY 3 - $200



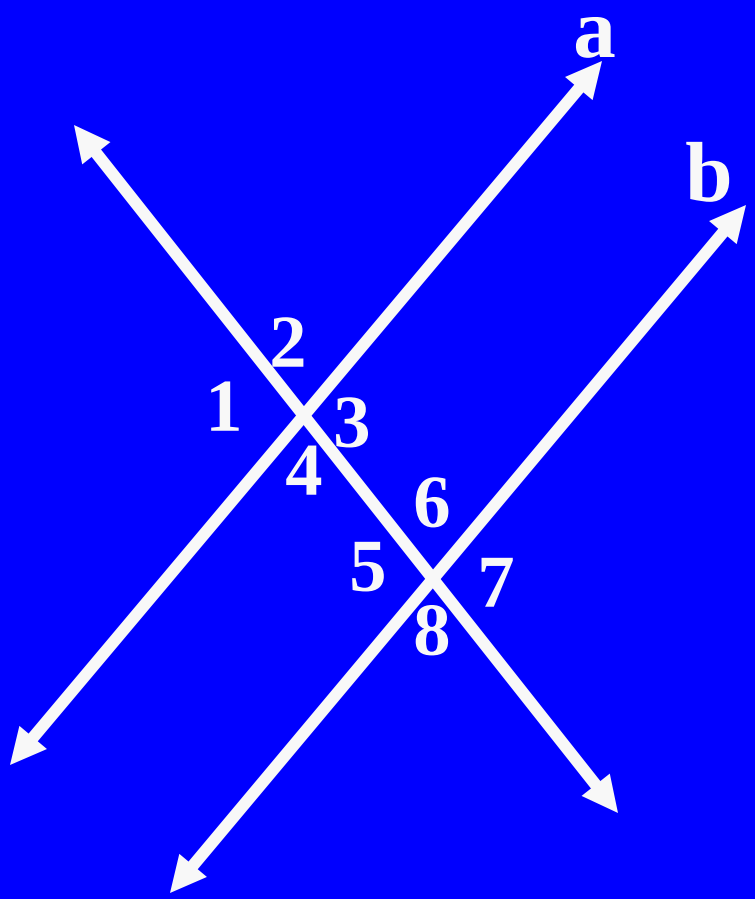
m∠4 if m∠5 = 113 , and a || b.

CATEGORY 3 - $300



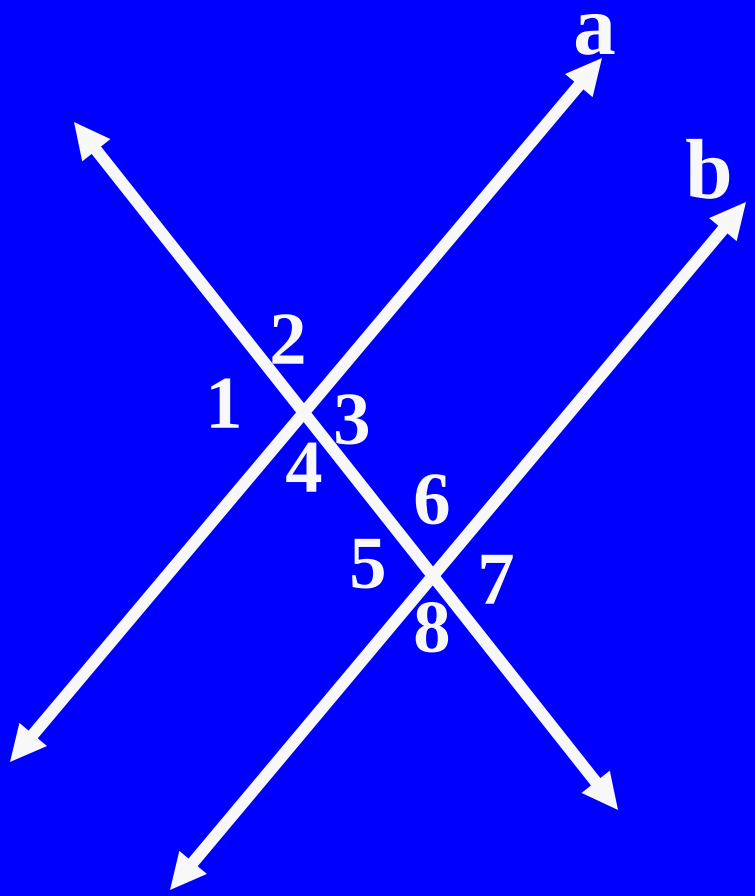
m∠7 if m∠2 = 87 , and a || b.

CATEGORY 3 - $400



m∠5 if a || b, the m∠4 = 2x + 3 & the m∠5 = 3x – 8.

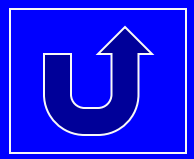
CATEGORY 3 - $500



The value of x so that a || b, if m∠2 = 5x + 10 & m∠6 = 6x – 4 .

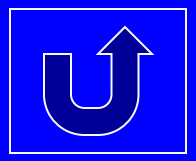
CATEGORY 4 - $100

The formula for finding the slope of a line between two points.



CATEGORY 4 - $200

The slope of the line containing the points (-3, 2) and (4, 1).



CATEGORY 4 - $300

Of parallel, perpendicular, or neither, what $\overleftrightarrow{AB}$ & $\overleftrightarrow{CD}$ are,

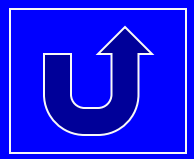
Given the following coordinates of A, B, C, & D.

A (1, 5) B (3, -2) C (4, 3) D (11, 5)

CATEGORY 4 - $400

The slope & y-intercept of the equation:

$$3x - 2y = 18$$

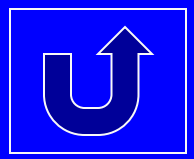


CATEGORY 4 - $500

The slope of the line that is perpendicular to $4x - 7y = 2$

CATEGORY 5 - $100

The steepness of a line.



CATEGORY 5 - $200

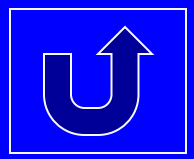
In comparison to the slope of a given line, the slope of a line that is perpendicular is

CATEGORY 5 - $300

The measures of consecutive or same-side interior angles are this.

CATEGORY 5 - $400

The slopes of two lines, if the lines are parallel.



CATEGORY 5 - $500

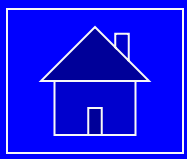
Given a segment with two defined endpoints, the 2 requirements needed in order to find the equation of the line that is the perpendicular bisector of the given segment.

CATEGORY 1 - $100

What is $y = -1/4x - 1$?

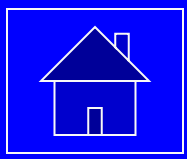
CATEGORY 1 - $200

What is y = -10?



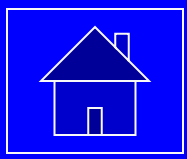
CATEGORY 1 - $300

What is $y = 3x + 17$?



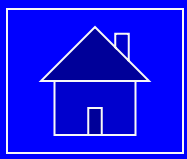
CATEGORY 1 - $400

What y = 1/5x – 7?



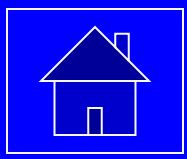
CATEGORY 1 - $500

What is y = -1/2x + 11?



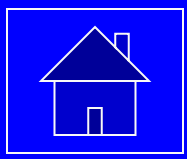
CATEGORY 2 - $100

What is if two lines intersect then vertical angles are congruent?



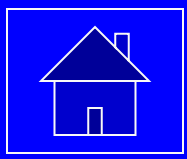
CATEGORY 2 - $200

What is if a transversal intersects two parallel lines, then corresponding angles are congruent



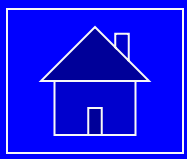
CATEGORY 2 - $300

What is if a transversal intersects two parallel lines, then alternate exterior angles are congruent



CATEGORY 2 - $400

What is if two lines and a transversal form alternate interior angles that are congruent then the two lines are parallel?

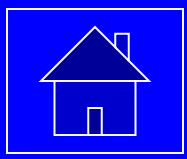


CATEGORY 2 - $500

What is if two lines and a transversal form same side exterior angles that are supplementary, then the two lines are parallel?

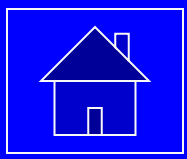
CATEGORY 3 - $100

What is 95 ?



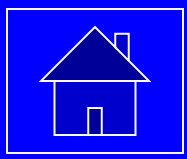
CATEGORY 3 - $200

What is 67 ?



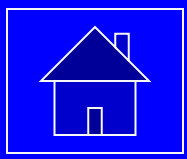
CATEGORY 3 - $300

What is 93 ?



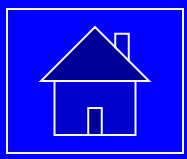
CATEGORY 3 - $400

What is 103 ?



CATEGORY 3 - $500

What is 14?

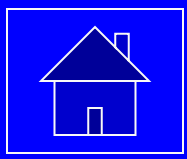


CATEGORY 4 - $100

What is $m = \frac{y_2 - y_1}{x_2 - x_1}$?

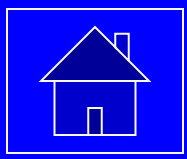
CATEGORY 4 - $200

What is –1/7?



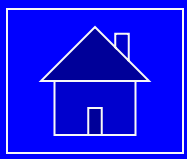
CATEGORY 4 - $300

What is perpendicular?



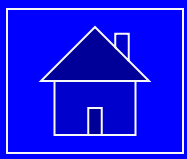
CATEGORY 4 - $400

What is m = 3/2 and b = -9?



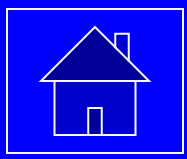
CATEGORY 4 - $500

What is -7/4?



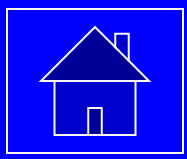
CATEGORY 5 - $100

What is slope?



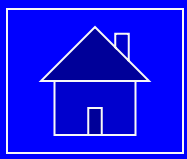
CATEGORY 5 - $200

What is the negative reciprocal to the slope of the given line?



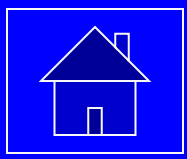
CATEGORY 5 - $300

What is supplementary?



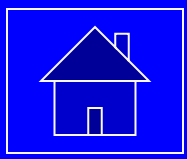
CATEGORY 5 - $400

What is the same?



CATEGORY 5 - $500

What is the midpoint and the negative reciprocal of the slope for the given segment



FINAL JEOPARDY!

Final Category: A Matter of Steepness

FINAL CATEGORY

The slope of any line perpendicular to the line y = 3.

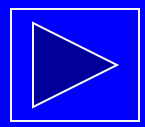
FINAL CATEGORY

What is undefined?

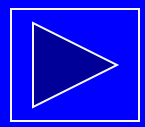
END OF GAME

Daily Doubles and
usage notes follow...

DAILY DOUBLE



DAILY DOUBLE



DAILY AUDIO DOUBLE

DAILY VIDEO DOUBLE