MATH JEOPARDY

(Answer enough questions to earn $3,000)

Pre-Algebra	Algebra	Geometry	Algebra 2	Financial Math	Pre-Calulus
$200	$200	$200	$200	$200	$200
find the are of a rectangle with a base of 8 inches and a heigt of 4 inches	Explain the difference between * positive and negative slopes AND *Zero and undefined slopes	The 3D shape formed when a right triangle is rotated around its height	Write the following expression as a single natural logarithm: $3 \ln x - 2 \ln c$	Darius purchased a new suit for $295.95. The sales tax rate on clothing is 6.25%. What is the final purchase price of the suit, including sales tax?	Graph f(x)= 2/x-3
	$400	$400	$400	$400	$400
find the area of a square with a base of 6 feet	Find f(4): 3x^2+2x+10	The measure of the opposite angle of an 83 degree angle in an inscribed quadrilateral	Write an equation of a circle with center (-7, -6) and a radius of 2.	Fatima purchased new plants for her yard. She used a coupon for 20% off her entire purchase, which was $195.50 before sales tax. What is the pretax purchase price of the plants, after the coupon discount is deducted?	Graph f(x) = x+1/ x-4
$600	$600	$600	$600	$600	$600
find the area of a triangle with a base of 10 inches and a height of 8 inches	Simplify (2x+4)^2	The equation of the line through (3, 2) and perpendicular to a line with slope -5/2	Find a quadratic equation with roots of -1 + 4i and -1 - 4i	Keenan purchased a bag of dog food for $48.23. He received a mail-in rebate for $7.50. What will be the final cost of the bag of dog food if Keenan uses the mail-in rebate?	Graph f(x) = 3x/x^-2
$800	$800	$800	$800	$800	$800
find the area of a rectangle with a base of 6.8 inches and a height of 12.2 inches	Factor: x^2-10x+16	The coordinates of A, B, and C if triangle ABC with A (2, 4), B (4, 1) and C (2, 1) is reflected over the line y = x	Write an equation of a parabola with the vertex (-2, 5) and a focus of (-2,6).	Hassan made a purchase at the convenience store for $22.19, including sales tax. He gave the clerk $40. How much change should Hassan receive?	Graph f(x) = x^2-3x/ x+4
$1,000	$1,000	$1,000	$1,000	$1,000	$1,000
find the area of a triangle with a base of 7.7 feet and a height of 11.1 feet	What two numbers have a sum of 217 and a difference of 85?	The ratio of AB:BC if segment AC has endpoints A (-1, -3.5) and C (5, -1) and B (0.2, -3) lies on segment AC	The half-life of a certain radioactive material is 71 hours. An initial amount of the material has a mass of 722 kg. Write an exponential function that models the decay of this material and determine how much of the radioactive material remains after 17 hours.(Round your answer to the nearest thousandth.)	Hugo placed a necklace for his mother in layaway. The price of the necklace was $105.45. The store charges a $5 service charge, requires a 20% down payment, and requires weekly payments of 10% until the item is paid in full. Determine Hugo's down payment and weekly payments.	Graph f(x) = 2x/x^2-5x-24