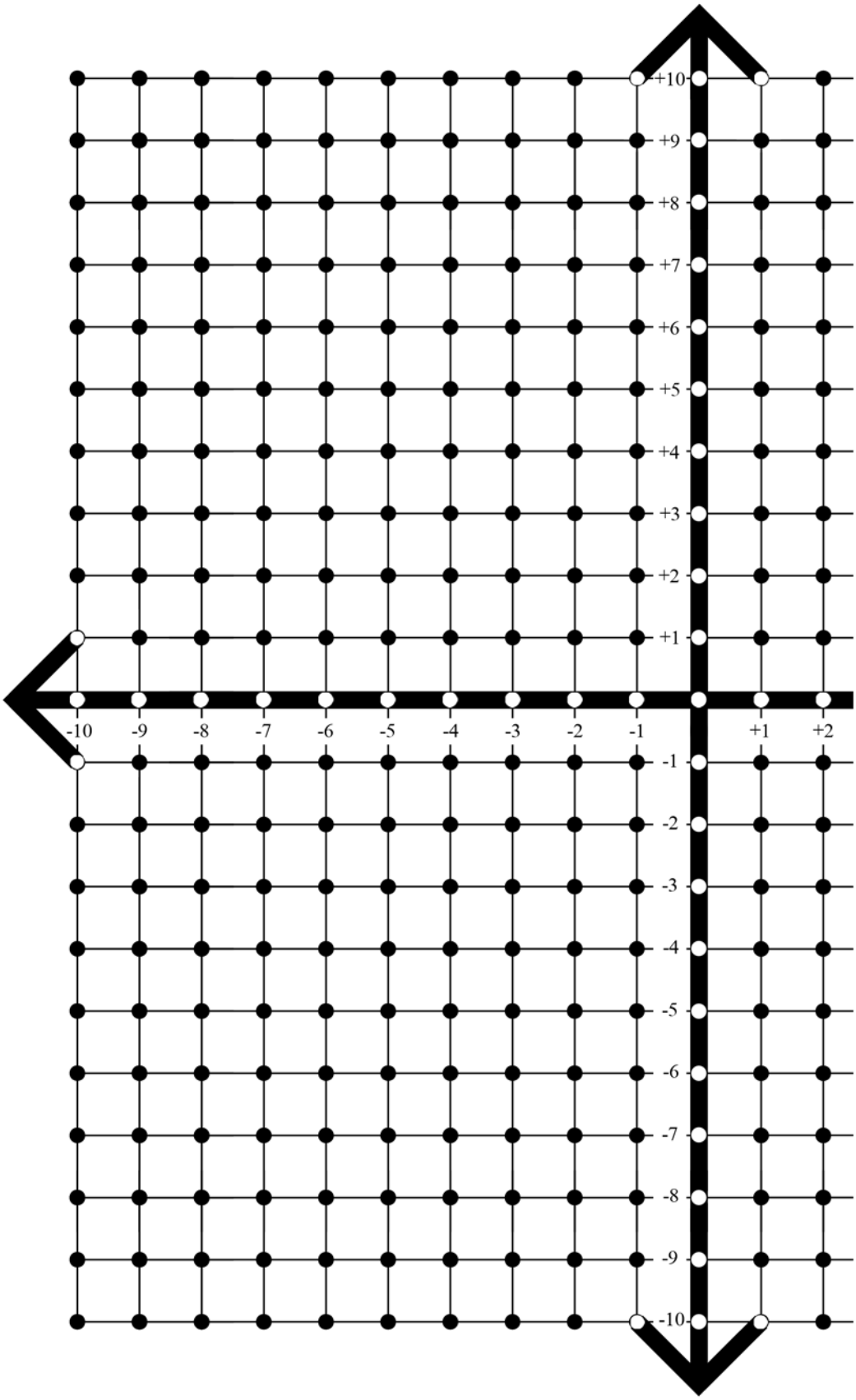
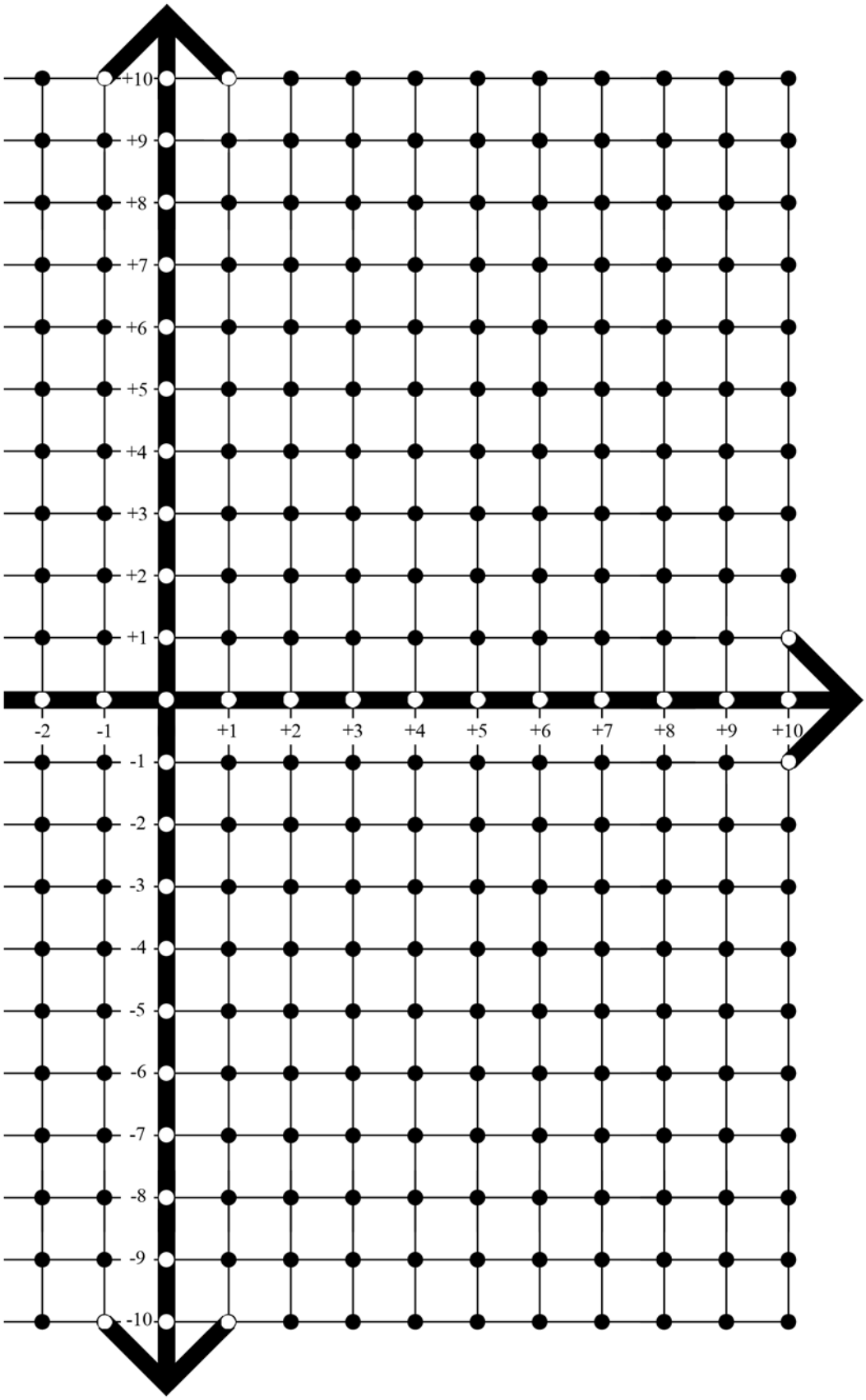

+10
+9
+8
+7
+6
+5
+4
+3
+2
+1
-10
-9
-8
-7
-6
-5
-4
-3
-2
-1
+1
+2
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10

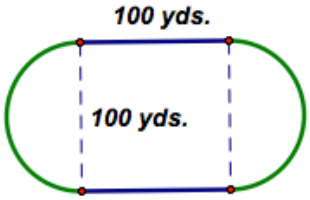

+10
+9
+8
+7
+6
+5
+4
+3
+2
+1
-2
-1
+1
+2
+3
+4
+5
+6
+7
+8
+9
+10
-1
-2
-3
-4
-5
-6
-7
-8
-9
-10

Daily Review #225

NAME _____ SCORE _____ / 12

GROUP 1

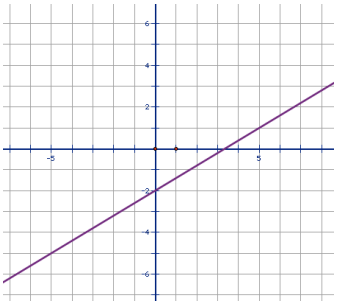
1) Calculate the length of a lap around this racetrack, which has semicircles.



_____

2) Multiply: $4x(2x-11)$. _____

3) Name the slope of the line at right.



_____

GROUP 2

1) Multiply: $3y(2x+y)$. _____

2) Vince wants to ship a DVD which is in a case measuring $6"\times 6"\times \frac{1}{4}"$. He puts it in a box that measures $18"\times 12"\times 6"$. What percent of the box is wasted space?

_____

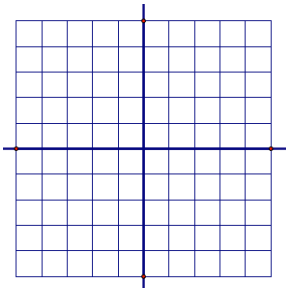
3) Simplify $3(x^2+4x-2)+2(x^2+4x-2)$. _____

Daily Review #327

NAME _____ SCORE _____ / 12

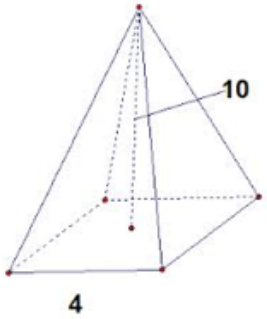
GROUP 1

1) Graph the equation $x = -2$.



2) There are three platonic solids that are made up of only equilateral triangles. Name them. _____ _____ _____

3) Calculate the surface area of this square-based pyramid to the nearest thousandth:



_____

GROUP 2

1) Evaluate: $16^{\left(-\frac{3}{4}\right)}$. _____

2) Which is larger: the mode or the median:
{20, 25, 45, 30, 20, 40, 35, 35, 20, 40, 30} _____

3) A cone measures $14in.$ tall and $6in.$ wide. It is dipped in paint and then rolled out on the floor making a cool-looking part of a circle with the paint rubbing off the cone onto the floor. How much of the floor will have paint on it to the nearest square inch? _____

Integrated Math 3

33A Constructions
33B Evaluate Functions
33C Graph Linear Equations: Rewriting

34A Angle Relations
34B Parallel and Perpendicular Lines
34C Complex Higher Powers

35A Polynomial Operations
35B Graph Parent Graphs
35C Central Tendency: Mean Median Mode

36A Rational Exponents
36B Pythagorean Theorem 3-D
36C Vertical and Horizontal Lines

37A Transformations
37B Transversals
37C Arithmetic Sequences

38A Linear Equations with Fractions
38B Domain and Range from Graph
38C Interior Angles of Triangle

39A Variance and Range
39B Diagonals of Quadrilaterals
39C Graph Linear Inequalities

40A Factor Simple Trinomials
40B Solve Ratios
40C Base Angles of Isosceles Triangle

41A Standard Deviation
41B Areas of Trapezoids
41C Exponent Laws: Multiplication

42A Sum of Arithmetic Sequences
42B Ratios of Area &, Volume
42C Double inequalities

43A Exterior of Triangle
43B Geometric Sequences
43C Exponent Laws: Division

44A Writing Inequalities and Absolute Values
44B Factor Difference of Squares
44C Exponent Laws: Powers

45A Advanced Trinomial Factoring
45B Area of Rhombus and Kite
45C Simplifying and Operations w/ Radicals

46A Correlation / Linear Regression
46B Interior Polygon
46C Factor Perfect Square Trinomials

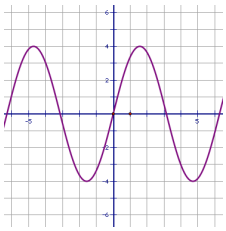
47A Systems of Equations by Elimination
47B Exterior Polygon
47C Exponent Laws: Zero/Negatives

48A Area of Polygons
48B Solving Absolute Values
48C Rationalizing the Denominator

Daily Review #551

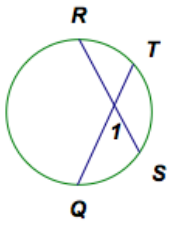
NAME _____ SCORE _____ / 12

GROUP 1



1) Determine the domain and range of the graph at right. _____ _____

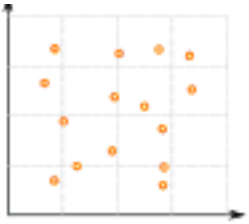
2) What is the equation for the asymptote for the graph of $y = 5^{x-6} + 4$? _____



3) In the diagram at right, arc measure $RT = (a + 3c)^\circ$, and arc measure $QS = (c + d)^\circ$. Find $m\angle 1$. _____

GROUP 2

1) Perform the operation and simplify: $\dfrac{x}{x^2 - 4x + 4} \div \dfrac{1}{x - 2}$. _____



2) Using one of the adjectives “perfect,” “high,” or “low”, and one of the adjectives “positive” or “negative”, or just simply “no,” describe the type of correlation associated with the graph at right. _____

3) A shipment of twelve microwave ovens contains three defective units. In how many ways can a company purchase four of these units and receive all good units? _____

Integrated Math 4

49A Linear: Point-Slope
49B Evaluate Logarithms

50A Shifts of Graphs: Vertical Or Horiz. only
50B Function Composition

51A Complex Numbers Powers
51B Special Triangles
51C Factoring all Quadratics higher Powers

52A Solving Imbedded Quadratics
52B Combinatorics
52C Domain and Range in Equation

53A Sum of Geometric Sequences
53B Solve Quadratics by Factoring

54A Radians
54B Greatest Integer Function
54C Shifts of Parent Graphs: Vertex

55A Complex Numbers Operations
55B Circles: Central Angles
55C Rational Expressions: Simplifying

56A Congruence Theorems
56B Inverse Functions

57A Right-Angled Trig.
57B Completing the Square

58A Triangle Centers
58B Complex Numbers Graphing
58C Shifts of Parent Graphs: Scaling

59A Circles: Inscribed Angles
59B Conditional Probability

60A Pythagorean Identity
60B Rational Expressions: Multiplying
60C Shifts of Parent Graphs: All

61A Permutations and Combinations
61B Graphing Quadratics: Vertex Form
61C Arcs and Sectors

62A Angles formed by Secants and Tangents
62B Graphing Circles
62C Quadratic Formula

63A Parabolic Symmetry
63B Rational Expressions: Dividing
63C Graph Exponentials

64A Parabola Formula by Vertex and Point
64B Proportions with Chords, Secants, Tangents
64C Solving Systems by Graphing

Daily Review #88

NAME _____ SCORE _____ / 12

GROUP 1

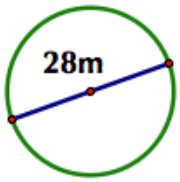
1) Write $1{,}000{,}000$ as a product of primes.

_____

2) A sample of home prices on Hillside Road are as follows: $\$75{,}300$, $\$54{,}500$, $\$62{,}000$, $\$92{,}450$, $\$87{,}000$ and $\$85{,}500$. What is the median home price?

_____

3) What is the circumference of the circle at right? (use $\pi = \frac{22}{7}$)



_____

GROUP 2

1) Multiply $(9.34)(-21.4)$.

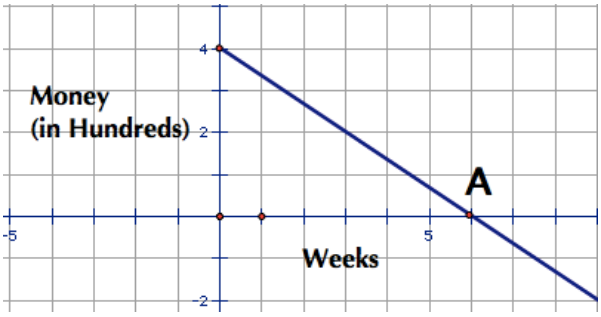
_____

2) Which number is closer to zero, $-\frac{4}{5}$ or $\frac{5}{4}$?

_____

3) The following graph shows money in Drew's bank account. What does the point A represent?

_____



A) When Drew has no money left
B) When he has $600
C) His sixth payday
D) His starting balance