

Assignment: Emerging Technologies Group Project - Podcasting and Vlogging A one-page document including the contribution made by each member of the group to the project. All members must collaborate on this document.

Response

Patricia Dennis: My contribution to the project was the approved application/software resources to create podcasts and vlogs. I also acted as the creative media designer Initiating, planning, and laying out material I also assisted my group mates in editing their slides. I recorded my voice audio and trivia questions to accompany my information.

Gizelle Minervini: I was responsible for researching and creating slides on the overview of vlogging and podcasting. I also recorded audio for our introduction to our game board and the overview section. I helped to schedule the meeting ensuring my colleagues were on track and actively working on the project. The team was dedicated to creating a fun learning experience on vlogging and podcasting.

John Sargent: I was to research, understand, and share information on the future of Podcasting and Vlogging. Evaluating how Podcasting and Vlogging will affect children in the future was the most interesting part of the project. My teammates taught me a lot about technological group communication. This was a great opportunity to forge a professional relationship with experts in Educational Technology. I feel blessed to have encountered this team of educators.

Jacqueline Zamora: As part of our group project, my responsibility was to research and present the benefits and limitations of podcasting and vlogging. After extensive research and planning, we were excited to build a game board theme, with each member focusing on their respective slides. In Presenting the slides, I found the experience to be fun, and I actively participated in our group virtual meetups. I enjoyed the process of learning together with my teammates.

NOTE: View One Pager Below

Viewing Fractions | Divisibility – divide divisor into dividend to convert to decimal

3 $\overline{)5}$

0.60

5 $\overline{)30}$

30

0

Divisor

Quotient

Dividend

Numerator / Dividend

Denominator / Divisor

Operations on Fractions:

- reducing fractions
- equivalent fractions
- adding fractions
- subtraction fractions
- dividing fractions
- convert fractions to decimal and vis-versa
- convert fractions to a mixed numbers and vis-versa
- convert fractions to improper fraction and vis-versa

Go to sargemathapplication.com for details on fractions

Plotting points on a coordinate plane

X coordinate from the horizontal axes must always go first in the in the coordinate pair - (always)

Y coordinate from the vertical axes must always go second in the coordinate pair - (always)

Go to sargemathapplication.com for details on plotting point

A linear line is a straight line that goes through at least two points.

- the slope of a linear line is always positive *iff* (if and only if) the line goes from left to right upward.
- the slope of a linear line is always negative *iff* the line goes from left to right downward.
- the slope of a horizontal line is always undefined.
- the slope of a vertical line is always zero.

SLOPE = $\frac{Y_1 - Y_2}{X_1 - X_2}$ Or $\frac{Y_2 - Y_1}{X_2 - X_1}$

Note: be consistent - use $Y_1 - Y_2$ in the numerator whenever you use $X_1 - X_2$ in the denominator - and vis-versa

Go to sargemathapplication.com for details on the slope

Ratios and Proportion: Ratios are identified as, 5 to 7, or 5:7, or $\frac{5}{7}$

Note: be very careful when using ratios in fraction form

- do not convert ratios that are improper fraction or mixed numbers
- do not make a ratio with a one in the denominated a whole number

A proportion is when two ratios are equal, for EX: $\frac{5}{7} = \frac{20}{28}$

Note: This ratio equality must be tested for proportionality.

Go to sargemathapplication.com for details on ratios and proportions

-Solving and Graphing a system of linear equations and inequalities Note: there are multiple ways of solving a system of linear equations and inequalities

Go to sargemathapplication.com for details on the system of linear equations and inequalities

Equations of a Line:

Point intercept equation,

$y = mx + b$, $m = \text{slope and } b = \text{y-intercept}$

Standard equation of a line.

$Ax + By = C$ A and B are integers and C is a constant

Point Slope equation,

$Y_1 - Y_2 = m(X_1 - X_2)$ we are only concerned with X_1, Y_1 and the slope

Go to sargemathapplication.com for details on equations of a line

Algebraic Expressions, Quadratic Equations, and Word Problems: Computations of Polynomials entailing adding, subtraction, multiplying, dividing, and factoring, Also, solving word problems that uses algebraic fractions and synonyms for adding, subtraction, multiplication, and division. The Standard for of a quadratic equation: $ax^2 + bx = c$ $a \neq 0$, b or c or both may equal 0.

Go to sargemathapplication.com for details on algebraic expressions, quadratic equations, and word problems

Scientific Notation is Identifying very large and small numbers.

-you need to know which direction and how many spaces to move your decimal point

Go to sargemathapplication.com for details on Scientific Notation

Statistics, Probability, Combinations, and Permutations: Mean, Median, Mode, Range, and Standard Deviation

Go to sargemathapplication.com for details on Statistics

Percents: The common percentage problems used in testing.

- 1)What is 72% of 800?
- 2)57% of what number is 163.191?
- 3)What present of 180 is 45?

Note: There are multiple ways to solve application percent problems.

Go to sargemathapplication.com for details percent problems

Triangles, rectangles, squares, parallelograms, rhombus, and trapezoid

Equilateral

isosceles

Scalene

Go to sargemathapplication.com for details on Geometric figures

Geometry:

Radius

Diameter

Volume

Surface Area

Combined Figures

Go to sargemathapplication.com for details on Geometric figures