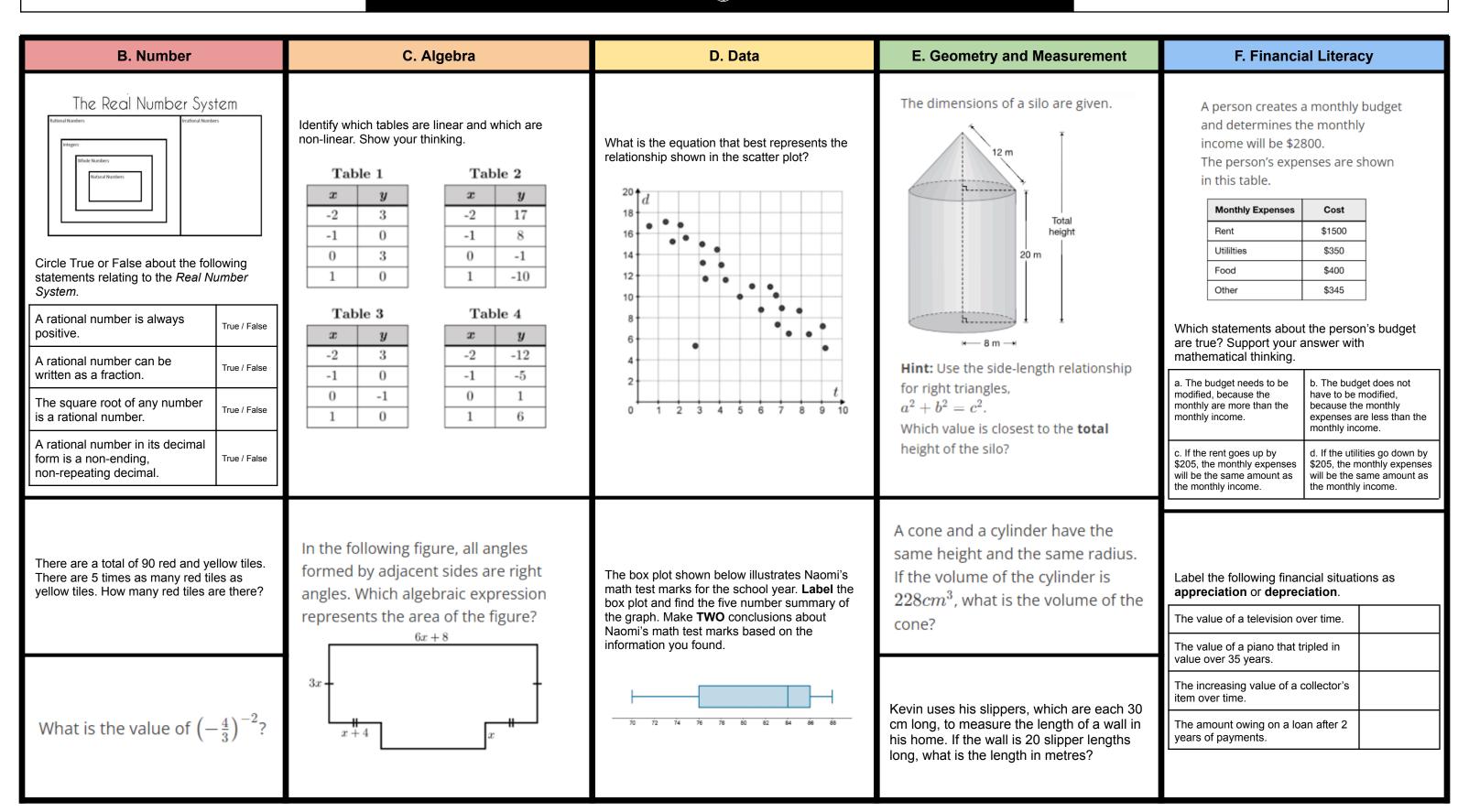
## EQAO Scaffolding - Question Grid

Date:



B. Number	C. Algebra	D. Data	E. Geometry and Measurement	F. Financial Literacy
What is the value of $1.8+0.5ig(2rac{1}{4}ig)-rac{5}{2}?$	Prove whether or not each point satisfies the inequality $-3x + 4y \ge 15$ .  (-8, -1) (-2, 1) (3, 2) (1, 5)	Suresh asks several students in his school to state their favourite sport.  What types of graphs would be appropriate to display the results of his survey? Why does that		A person gets a loan to make a \$3000 purchase. Determine how long it would take to repay the loan for each of the following situations, at 0% interest.  a. A \$300 down payment and monthly \$75 payments  b. A \$600 down payment and monthly \$50 payments
		graph work for his survey?	A frame is in the shape of a rectangle.	c. A \$300 down payment and biweekly \$50 payments  d. A \$600 down payment and biweekly \$30 payments
	An amusement park offers two payment options, as described in the graph. Which option is the better deal at 2 visits? 6 visits? 8 visits? 20 visits?	The results of a survey of 80 students are shown.	A second rectangle frame has triple the length and one third of the width of the first frame.  This graph represents the relationship betw the value of a refrigerator, in dollars, and the number of years since its purchase.  How does the area of the second frame compare to the area of the first frame?  Value of Refrigerator vs. Years  1000	
		Students who like broccoli  Students who like carrots  Students who do not like broccoli  9		1000 <b>\$</b> 1000 <b>\$</b> 1000 <b>\$</b> 1000 <b>\$</b> 1000 <b>\$</b>
		What conclusions can we draw from the results that are supported by the numbers shown? (e.g., percentages, comparative statements)		250 0 5 10 15 20
An equation is shown. $\frac{(x^6y^3)(x^{\square}y^8)}{x^3y^4} = x^{12}y^{\triangle}$ State the values that make this equation true. $\Box = \qquad \triangle =$	This pseudocode is used to determine the value of a variable in an equation.  variableB = 0 variableC = 0 output "Enter the value of variable B." store input as variable B output "Enter the value of variable C." store input as variable C variableA = ((5 * variableC) - variableB) / 4 output "The value of variable A is ", variableA, "."	What could the value of the correlation coefficient be in the following graph? What evidence supports your conclusion?	What are the values of $x,y$ and $z$ ?	Pamela plans to invest \$2000 for 3 years using one of the following interest calculation options:  Option 1: Simple Interest at a rate of 2.6% per year.  Option 2: Compound interest at a rate of 2.6% a year, compounded monthly.  Option 3: Compound interest at a rate of 2.6% per year, compounded annually.
	What is the value of <b>variableA</b> if the program is run and 2 is entered for <b>variableB</b> and 6 is entered for <b>variableC?</b>			Organize the <b>Options</b> from <b>least to greatest</b> amount of interest earned. Justify how you know they are in the correct order.