	Activity Name	Grade Level	Description	Teacher Notes: How did this go in your classroom? Recommendations for future use?
	Adding Whole Numbers Subing Time	14	Students play a game where they are deall whole number cards is have to make a sum Students explore the afferent ways people speak about time e.g. 'A quarter part lour'	
	Shaded Rectingles	35	 	
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	Writes & Probating Expressions	54	In this activity, students will practice identifying equivalent and comparing expressions in sumetic and ward form.	
	Research and Collector Molece & Sheep Cholespe Adding & Subhocting Fractions	#4 #12 #5	Logic Public to add & subract factors with ike and unite denominator	
AndeJJJAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAndelJSecondanteAn	through in Numbers	67	Introductory lesson for measures of center - median w mean - dudents make edimations and analyse dot picts of their closuranes edimates	
And the set of th	Carding Millippons Called the Caronity	44	Students create histograms and tables from information provided Students practice finding to itematic a vertical distances on the coordinate plane by finding distances between isand*	
SecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSe	Cambine Like Terra Oxforing Referred Northern	47 47	Tort, drag, & combine like terms Place & order rational numbers on number lines	
AndPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP <td< td=""><td>Cooling Intelline Engineering Kalograms</td><td>44</td><td>In this activity students develop their intuition for mean about the deviation, the inversion</td><td></td></td<>	Cooling Intelline Engineering Kalograms	44	In this activity students develop their intuition for mean about the deviation, the inversion	
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	Despiting Inequalities Data Disalans Base Rock	67 67 64	enjanning ungehindelide integrates Hategrans & Line plats Practice identifying mean, median, lawer grinter conservation	
NumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumberNumber <td>Reaction - Speeds Viscol Robert</td> <td>67 67</td> <td>Proctice identifying mean, median, lower quarter, upper quarter Electrice identifying mean, median, lower quarter, upper quarter Electrice & compare online of parts part environ.</td> <td></td>	Reaction - Speeds Viscol Robert	67 67	Proctice identifying mean, median, lower quarter, upper quarter Electrice identifying mean, median, lower quarter, upper quarter Electrice & compare online of parts part environ.	
	Codeling Inferen	47 47 47	Inpole & Company interces pair no pair take pair to whole Practice placing integers on number lines Practice unit rates ratio, concorriges, and constant of accostonally	
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	Sin a Kox Integer Game	4-8 4-8	but great game! Game practicing adding integers - very little prep, easy to follow	
	Temble Apoc shrate	44	A game for practicing horizontal, vertical and diagonal distances on the coordinate place (Lad level include Pythagarean Theorem)	
	Whole Numbers & Integers on a Number Line	44	Work on practing and spacing whole number and integer on a number line to expres- numerical instantion that lead to distances and operations like addition and subtraction.	
InternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInternationalInter	Diskitudies. Accents	24	Explore the clinitourive property both visually & algebraically - first half is numbers, second half contains variables	
And the set of th	Shady times	2.9	Polygraph: Exploring graphs of learn inequalities - great for beginning of unit to determine student's background & micconceptions. Students observe notifiests, can be used anothers, contained to table. It with an exercision.	
	Growth Authors	7-10	Indente daterre partenz, cente nel parten, complete a table, a vere a regarante for the requesce (preor then quadratic) Student observe pattern, cente nel pattern, complete a table, a wite an equation	
NoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteNoteN	International Contents	+10	for the sequence (since then quadratic) interpretation of a sentilic notation - comparing & saring	
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AndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAndAnd </td <td>Evolute Data</td> <td>89</td> <td>different function of their choosing. Biel practice of two-way tablecfollowed by a question on a linear system of equations</td> <td></td>	Evolute Data	89	different function of their choosing. Biel practice of two-way tablecfollowed by a question on a linear system of equations	
Auto aAuto aAu	Bioth & Exponents Bioth & Functions	8-9 8-9	kief practice with properties of exponents Practice with a variety of functions - interpreting graphs, withing equations of lines, etc.	
	Kana for homeversals	7-10	Practice with angle-relationship vocabulary - corresponding angles, alternate interior, alternate exterior, etc.	
imageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimageimage <t< td=""><td>Estance on Coordinate Finne Louise Dance - Louise Bank</td><td>810</td><td>emoductory lesion for using Pythogoreon Theorem on the coordinate plane Explore the relationship between the sees and ide length of squares leading to rational and instronal numbers</td><td></td></t<>	Estance on Coordinate Finne Louise Dance - Louise Bank	810	emoductory lesion for using Pythogoreon Theorem on the coordinate plane Explore the relationship between the sees and ide length of squares leading to rational and instronal numbers	
JuneJuneJuneJuneImage: Appendix and the second	Dec.mail	8-10	Deade a character out of linear and quadratic equations using domain & range introductory activity for translations on the coordinate plane including conversions.	
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	Robolines	810	enargement Practice with rations on the coordinate plane - 50 and 180 degree rations	
	Linear Functions/Tables	84	max were when function reasonantips from tables, equations, it graphs - similar to Matheides The this activity to esplace a constant rate, another two reasons in a second seco	
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	tama	7-10	Prograph: suplaye a variety of slope triangles on the coordinate plane - encourage budget discussion Procise using the Pritagoneon Previews to fact mixing	
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	lites: Natch	7-10	Regin by using numberiess word problems to extrability on understanding of linear relationsig. In gar 3, we number to explore the dialect in more depth or represented in tables, graphs, and equilations	
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	Enery Systems	812	er ne sens und Male II to LOBMy. Net practice of graphing linear system - dudents are required to use citical thinking skills to create graphs that it descriptions.	rem Lever science readily could 2 -Kourthey
JuneJuneJuneImage: Section of the section of	Three's A Chowal	812	Students explore linear inequalities jand systems of linear inequalities] with an emphasis on the graphical and algebraic meaning of solutions.	
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	Linear System Scimotics	8.9	Students predict where two lines will intersect and then confirm on coordinate plane - great listic lesion for systems of equations	
Net of the sectorNet of the sector	Similar Figures Multiply Coccellpoints - Dilations	7-10 7-10	érel practice al aoting, comparing, £lidentily similar triangles Budents explore different scale factors and their effect on the graph of a dilation of a	
numnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnumnum </td <td>Match My Circles</td> <td>10-12</td> <td>ngwe Practice transforming & willing equations of circles with graphs Incident ran miner with the links</td> <td></td>	Match My Circles	10-12	ngwe Practice transforming & willing equations of circles with graphs Incident ran miner with the links	
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	Deschafteren	8-10	complete patients we prevende withing cookinnee rules to transform figures to complete patients. They'll end by designing their own patient and using the math they've learned to extend a patient exigned by a closinate.	
	Special Hahl Manales Absolute Value Touritors	10-12	Explore side length micrionships of 45–45 41 and 30 40-41 triangles. Explore the relationship between absolute value equations 4, their graphs on a number	
SecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSecondSe	D. bal	912	Ine in contextual examples Student explore concept of inflation, exponential growth, compound interest, and more all in one task.	have into at this first
intermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermaintermainterma <t< td=""><td>Parallel & Percendicular lines</td><td>8-10</td><td>Endents explore the relationship between parallel & perpendicular lines. Dee an area model and the distributive property to conceptually build undertworkov of</td><td></td></t<>	Parallel & Percendicular lines	8-10	Endents explore the relationship between parallel & perpendicular lines. Dee an area model and the distributive property to conceptually build undertworkov of	
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vietvietvietviet11111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111 <td>Extense functions</td> <td>11-12</td> <td>Notch casts based on intervals, zens, and end behavior of paynomial functions. Eudent: explore invene-functions & their relationships</td> <td></td>	Extense functions	11-12	Notch casts based on intervals, zens, and end behavior of paynomial functions. Eudent: explore invene-functions & their relationships	
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JotalJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotalAmageJotalJotal <td>Balling + Concesting Street</td> <td>11.14</td> <td>e good edinate for virtual datance travelad A calculation and the tag question: What is o good edinate for virtual datance traveled A calculus activity Calculus/Optimization: Students explore-relationship between comer cuts, radii. s.</td> <td></td>	Balling + Concesting Street	11.14	e good edinate for virtual datance travelad A calculation and the tag question: What is o good edinate for virtual datance traveled A calculus activity Calculus/Optimization: Students explore-relationship between comer cuts, radii. s.	
Image: Bit of the section of the s	Calefra Editoles	11-12	course - requires some prep ahead of fine Casculy/Wested Rate(:hg.imegration: thident explore shading 1/2, 1/4 of various faces	
NoteNoteNoteImage: NoteNoteNoteI	integrals following	11-12	Polygraph: Students will have the apportunity to discuss informal and formal attributes of Integrals.	
Interface Interface Name Interface Nam	Estatus Containen	312	Eudents use estimation skills to make predictions about volume of different containers & proph results	This is meant for multiple days - could be great for an enrichment activity - K
Image: Problem Image: Problem Vertical Problem Vertical Problem Vertical Problem	Lond The Finne	8.0	Muterity practice finding equations of lines in order to land a plane on a runway. Most of the challenges are used abled to tope-intercept form, but depending on the goals of an individual class or tubert they are easily adopted to other forms of linear equacition.	
Note Note Note Status Note Note Note Status Note Note Note Status Note Note Note Status Note Note Note Note Status Note Note Note Note Note Status Note Note Note Note Note Note Status Note Note Note Note Note Note Note Note Status Note Note Note Note Note Note Note Note Status Note Note Note Note Note Note Note Note Status Note Note	Match My Line	84	Students work through a series of scatflosted linear graphing challenges to develop their proficiency with direct valiation, slope-intecept, point-slope, and other linear function some	
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Image: Problem in the second in the	Grashina States	44	This activity will help dudents make the transform from one-validate representations (e.g. number lines) to the PMC-validate representation of the coordinate plane. Students will write the second	
Note Note Name Name Name <td>Tondomation Coll Reid Males</td> <td>810</td> <td>common a version means and wallable them into graphs with your help fludents use their existing understanding of transitions, selections, and rotations to complete a round of transformation gail. For each challenge, their task is the same: the</td> <td></td>	Tondomation Coll Reid Males	810	common a version means and wallable them into graphs with your help fludents use their existing understanding of transitions, selections, and rotations to complete a round of transformation gail. For each challenge, their task is the same: the	
Note Note Sub Sub Sub S			one or more transformations to transform the pre-image onto the image. Students use their existing understanding of translations, reflections, rotations, & dilations	
Number Personal second se	energiation and an analysis and an	*10	In uniqueere i found of transformation got. For each challinge, their tack it he same: the one or more transformations to transform the pre-image onto the image it his proportional reasoning activity, trudents will explane unit rate in the Clay Roma.	
Decomposition Decomposition Construction Construction Construction	Clockilla Will Hill be Rooot	47 9-11	arena. In this activity, itudents predict whether various backetball shots will go through the	<u> </u>
			map, and then model these sholls with possibolizs to check their predictions.	
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Activity Name	Grade Level	Description	Teacher Notes: How did this go in your classroom? Recommendations for future use?	
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