Name: _____

Unit 0 – Review of grade 5-8 math



Big idea/Learning Goals

Tentative TEST date _____

In this unit you will review most of the topics you have learned from grade 5 - grade 8.

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website <u>www.mrsk.ca</u>



Success Criteria

DAY	TOPICS TO COVER IN CLASS	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	Weighted Averages Number Sets Symbols & Words Exponents & Roots Scientific Notation Order of Operations	NoCalc Part9: 1,2,3,4,5,6,7,8,9,10,11,12,13,14 15,16,17,18,19,20 Part10: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15 Part 11: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15			/50
2	Integers Cartesian Plane	Fractions1 1 st worksheet: 1,2,3abcdefgh,4abcd,5abcd 6abcdef,7abcdef 2 nd worksheet: 1,2,3,4,5,6,7,8,9,10,11			/41
3	Fractions	Fractions2 1 st page: 1,2,3,4,5,6,7,8,9,10,11 2 nd page: 1,2,3,4,5,6,7,8,9,10,11 12,13,14,15,16,17,18,19			/30
4	Decimals Ratio & Proportion Rate Percent	EQA0practiceU0 1,2,3,4,5,6,7,8,9,10,11,12,13,14 15,16,17,18			/18
5	Evaluate Solve Translate Problem Solving	PuzzleEquationWordProbTranslate 1,2,3,4,5,6,7,8			/8



Reflect/Communication

Read the following qualities of a great student, before you answer the questions below:

Attends classes	Arrives to class on time	Minimizes distractions (cell/food/chatting etc)	Gets help when things are unclear right away	Finishes homework
Takes neat and complete notes	Participates in class	Helps others	Prepared and organized	For incorrect answers finds out exactly where
Raises hand instead of blurting out answers	Follows directions	Respects personal boundaries	Sociable and polite	he/she made the mistake

What are your strengths as a student?

What are your weaknesses that you'll try to improve upon this semester?

Name: _____

Unit 1 – Algebra



Big idea/Learning Goals

Tentative TEST date _____

In this unit you will learn the foundational topics of Algebra, like working with exponents and polynomials.

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website <u>www.mrsk.ca</u>



Success Criteria

#	DAY	Торіс	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1	Exponent Laws	ExponentsSimplifyExpressions			
			1,2,3,4,5,6,7,8,9,10			/20
			11,12,13,14,15,16,17,18,19,20			
2	2	Zero & Neg Exponents	PuzzleNegZeroPowers			(00
			partA: 1,2,3,4,5,6,7,8,9,10,11,12,13			/28
3			partB: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15			
5	3	All Exponent Laws	ExponentsReviewAll			
			1abcdefghijklmnopqr,2abcd,3abcdefgh,			/68
			4ab,5ab,6abcdefghijklmnop,7,8abcd, 9abcd,10abcdef,11,12			
4	4	Polynomials	AlgebraPolynomials			
	4	1 orynomiais	1 st page: 1,2,3,4,5,6abc,7abcdefgh			/29
			2 nd page: 1ab,2ab,3abcd,4ab,5,6ab			,20
5	5	Distributive Property	AlgebraDistribute			
	Ŭ	Distribution reporty	1 st page: 1,2abcd,3abc,4ab			/16
			2 nd page: 1,2,3,4,5,6			
6	6	Algebra meets Geometry	PuzzleAlgebraWithGeometry			/12
			1S,O,I,2S,D,A,3E,S,Q,4R,W,R			/12
7		EXTEND to gr10	2puzzlesFOIL&GCF			
		(Foil, GCF)	1 st puzzle: S,A,E,W,O,A			(2.2
			E,A,L,E,O,H			/33
			M,T,K,H,L,V			
			2 nd puzzle:1abcde,2abcde,3abcde,4abcde			
8		Review	EQAOpracticeU1			/10
			1,2,3,4,5,6,7,8,9,10,11,12,13,14			/18
			15,16,17,18			



Reflect/Communication – previous TEST mark _____, Overall mark now_____. Complete the next page to test your **Collaboration** skills. Based on your rating: What have you recently improved upon? What will you try to work on next?

Describe how you feel about your current mark in math

Test your Collaboration

Select any and all issues you've had before

- Contributed even in part to distractions and noise level during lessons
- Never helped the teacher to shush others when attention was needed
- Didn't help others or did so when it was inappropriate to do so (during lesson)
- Got distracted by friends talking to me during practice time
- Didn't respect personal boundaries (grabbed stuff without permission/pushed/hit/engaged in any scuffle)
- Laughed at the mistakes of others
- Encouraged class clowns to continue to disrupt the learning environment or I was the class disruptor
- Rarely volunteered to answer questions to contribute to class learning
- I blurted out answers when I knew them. Didn't give a chance for others to mull the answer over.
- There is at least one person in class that I'd never rise above our differences and work well with
- I didn't display good team work skills. (Get others back on track, care about producing a good final product)

Never had issues with any of the above

Based on above, rate your COLLABORATION skill

- Excellent no issues
- Good 1 or 2 selected
- Satisfactory 3 or 4 selected
- Needs Improvement more than 4 selected

Name: _____

Unit 2 – Equations



Big idea/Learning Goals

Tentative TEST date

In this unit you will learn the foundational topics of how to solve equations with one variable.

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website www.mrsk.ca

Success Criteria

#	DAY	Торіс	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1a	Evaluate & Check	CheckAns&Evaluate			
		Answers	1 st page: a,b,c,d,e,f			/12
			2 nd page: M,A,N,T,E,R			
2	1b	Multi Step Equations	2puzzlesMultiStepEqtn			
			1 st puzzle: 1,2,3,4,5,6,7,8,9,10,11,12			/37
			13,14,15,16,17,18,19,20,21			/0/
_			2 nd puzzle: a,b,c,d,e,f,g,h,l,j,k,l,m,n,o,p			
3	2	Equations with Fractions	PuzzleEquationFractions			110
			1 st column: G,I,O,S,A,E			/12
			2 nd column: M,B,R,N,F,T			
4	3	Mix Practice	SolveEqtn			/17
5		· .	1abcdefghijklm,2,3abc			,
5	4a	Formulas	RearrangeFormulas			/20
6	41		1,2,3abcdefgh,4abcdefghij			/
0	4b		RearrangeFormulas2			/13
7			1,2abcd,3abcdefgh WordProblems			
'	5a	Word Problems				/10
		Translate	1 st page: 1,2,3,4,5,6			/18
8	5 1-	Maraa	2 nd page: 1,2,3,4,5,6,7,8,9,10,11,12 WordProblemsMoney			
Ŭ	5b	Money	-			/14
			1 st page: 1,2,3,4,5,6 2 nd page: 1,2,3,4,5,6,7,8			/14
9	5c	Dereent	WordProblemsPercent			
ů	50	Percent	1 st page: 1,2,3,4			/9
			2 nd page: 1,2,3,4,5			/9
10		Review	EQAOpracticeU2			
		neview	1,2,3,4,5,6,7,8,9,10,11,12,13,14			/18
			15,16,17,18			/10
			10,10,17,10			



Reflect/Communication – previous TEST mark ______, Overall mark now ______. Complete the next page to test your **Responsibility** skills. Based on your rating:

What have you recently improved upon? What will you try to work on next?

Describe how you feel about your current mark in math

Calculate your potential final mark to see how averages work. Ensure to follow BEDMAS:

potential final mark = (overall mark now)(weight so far) + (guess at your future mark)(weight to come))((), /()) + ()(O, 90)= (= +

potential final mark =

Test your Responsibility

Select any and all issues you've had before

- Left school without parents signing me out properly at least once
- Didn't attend school without a valid reason like illness at least once
- \square Was late to this class more than 2 times
- Got distracted by my electronic device at any time when it was inappropriate for me to do so
- Got distracted by friends talking to me during practice or lesson time
- Didn't make corrections to work given back to me
- Didn't catch up after being absent
- Didn't finish more than 70% of homework (see your mark report under "Homework Category" if needed)
- \square Didn't study as much as needed for the tests
- Didn't do my best job in recording complete notes
- \square Didn't use class time wisely all of the time
- Didn't seek help even when it was needed
- Forgot to submit work on time

Never had issues with any of the above

Based on above, rate your RESPONSIBILITY skill

- Excellent no issues
- Good 1 or 2 selected
- Satisfactory 3 or 4 selected
- Needs Improvement more than 4 selected

Name: _____

Unit 3 – Models



Big idea/Learning Goals

Tentative TEST date

In this unit you will learn how to model real life examples with words, graphs, tables and equations

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website www.mrsk.ca



Success Criteria

#	DAY	Торіс	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1	Linear & Nonlinear	LinNonLin1stDiff			/10
		Relations	1abcd,2abcd,3,4			/10
2	2	Slope	Slope2points&VertHoriz			/11
		-	1ab,2abc,3abcdef			/ 1 1
3	3a	Distance Time Graphs	DistTimeGraphInvestigate			/15
		-	1abcdefghi,2abc,3abc			/15
4	3b		DistTimeRate			/7
			1,2abcdef,			//
5	4a	Linear Relation	Rate&InitialValue			(o.7
			1ab,2ab,3ab,4ab,5ab,6ab,7ab,8abcdefgh			/37
			9abcdefg,10abcdefg,11			
6	4b		EquationOfLineGraph+mb			/13
			1,2,3,4abcde,5abc,6ab			7.0
7	5	Direct & Indirect Variation	TypesOfVariation			/28
8	_		1abcdefghijkl,2abcde,3abcdef,4abc,5ab			720
8	6a	Word Problems	LinRelRepManyWays			/10
9			1abcdef,2,3,4,5			/10
9	6b		ModelWithGraphsApplications			/27
10			1abcd,2abcde,3abcde,4,6,7abcdef,8abcde			, _ ,
10		Review	EQAOpracticeU3			/10
			1,2,3,4,5,6,7,8,9,10,11,12,13,14			/18
			15,16,17,18			

Reflect/Communication – previous TEST mark _____, Overall mark now_____.

Complete the next page to test your Organization skills. Based on your rating: What have you recently improved upon? What will you try to work on next?

Describe how you feel about your current mark in math

Calculate your potential final mark to see how averages work. Ensure to follow BEDMAS:

potential final mark = (overall mark now)(weight so far) + (guess at your future mark)(weight to come))(0,20)+((0, 30)= (

+

potential final mark =

=

Test your Organization

Select any and all issues you've had before

Was late to this class more than 2 times Forgot uniform items/had non-uniform items in class instead of locker \Box Forgot items like pencil, calculator, paper, etc \Box Forgot to submit work on time Forgot to put name on work \Box My binder is disorganized, papers crumpled/ripped \Box Didn't do my best job in recording complete notes My hand writing isn't very neat Didn't study for the test because I forgot it was on that particular day Forgot to clean up my area, tuck in/stack chairs \Box Didn't make corrections to work given back to me Didn't catch up after being absent \square Stayed up late and then slept or was unfocused in class \square Never had issues with any of the above

Based on above, rate your ORGANIZATION skill

- Excellent no issues
- Good did any of the above just once or twice
- Satisfactory did any of the above more than twice
- Needs Improvement did any of the above regularly

Name: _____

Unit 4 – Linear Relations



Big idea/Learning Goals

Tentative TEST date _____

In this unit you will learn more details of how to work with relationships in real life that are linear.

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website <u>www.mrsk.ca</u>



Success Criteria

#	DAY	Торіс	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1	3 forms of Linear	LinStandardForm			/13
		Equations	1abcd,2abc,3abc,4abc			/15
2	2a	Find Equations	LinFindEqtnM&pt			/7
		-	1abcd,2ab,3			//
3	2b		LinFindEqtn2pts			/6
			1ab,2abcd			70
4	3a	Graphing Lines	GraphLines3methods			/16
_			1,2ab,3abcd,4,5,6,7,8,9,10,11,12			/10
5	4a	Special Types of Lines	Parallel&PerpendicularLines			/18
			1abcdef,2,3,4,5abc,6,7,8abcd			/10
6	4b		Horizontal&VerticalLines			/8
			1abcd,2abcd			70
7	5a	Linear Systems	LinSys			/14
			1abcde,2abcd,3abcd,4			/ 1 4
8	5b	Word Problems	PuzzleLinSysMakeEqual			/13
			1,2AB,3AB,4AB,5AB,6AB,7AB			/15
9		Review	EQA0practiceU4			
			1,2,3,4,5,6,7,8,9,10,11,12,13,14			/18
			15,16,17,18			



Reflect/Communication – previous TEST mark _____, Overall mark now_____.

Complete the next page to test your **Initiative** skills. Based on your rating: What have you recently improved upon? What will you try to work on next?

Describe how you feel about your current mark in math

Calculate your potential final mark to see how averages work. Ensure to follow BEDMAS: potential final mark = (overall mark now)(weight so far) + (guess at your future mark)(weight to come) = ()(0, 30) + ()(0, 70)) = +potential final mark =

Test your Initiative

Select any and all issues you've had before

- Forgot to greet or say goodbye to the teacher
- Unwilling to answer a question when called upon
- Didn't volunteer answers without being called upon
- \square Never helped the teacher to shush others when attention was needed
- Didn't help others or did so when it was inappropriate to do so (during lesson)
- Didn't seek help even when it was needed
- Didn't catch up after being absent

 \square Never had issues with any of the above

Based on above, rate your INITIATIVE skill

- Excellent no issues
- Good 1 or 2 selected
- Satisfactory 3 or 4 selected

Needs Improvement - more than 4 selected

Name: _____

Unit 5 – Data



Big idea/Learning Goals

Tentative TEST date _____

In this unit you will learn how to collect data, read graphs and interpret them.

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website <u>www.mrsk.ca</u>

Success Criteria

#	DAY	Торіс	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1	Misleading Graphs,	DataScaleScatterTrendPredict			/17
		Vocab & Scale	1abcd,2abcdefg,3abcdef			/1/
2	2a	Scatter Plots & Line Of	DataLineOfBestFit			/10
		Best Fit	1abcdefgh,2abcdefg,3abc			/18
3	2b		DataTrendInterExtrapolate			/13
			1abcdef,2abcdefg			/13
4	3a	Experiment as a class	DataLineCurveInterExtrapolate			/16
		-	1abcdefg,2abcdefghi			/10
5	3b	Groups	WordProblemsWithPercent			/12
		-	1,2,3,4,5abcdefgh			/12
6		Review	EQAOpracticeU5 1,2,3,4,5,6,7,8,9,10,11,12,13,14 15,16,17,18			/18



Reflect/Communication – previous TEST mark _____, Overall mark now_____.

Complete the next page to test your **Self Regulation** skills. Based on your rating: What have you recently improved upon? What will you try to work on next?

Describe how you feel about your current mark in math

Calculate your potential final mark to see how averages work. Ensure to follow BEDMAS: potential final mark = (overall mark now)(weight so far) + (guess at your future mark)(weight to come) = ()(0, 40) + ()(0, 60) = +potential final mark =

Test your Self Regulation

Select any and all issues you've had before

- Sometimes didn't notice when teacher was trying to get my attention, didn't settle down quickly
- Forgot to raise hand. When I knew the answer I blurted it out
- Forgot to stay seated when it was appropriate for me to do so
- Got distracted by my electronic device at a time when it was inappropriate for me to do so
- \square Had the teacher call my name more than twice so far as a reminder to focus
- Laughed at the mistakes of others
- Got distracted by friends talking to me during practice time
- Didn't respect personal boundaries (grabbed stuff without permission/pushed/hit/engaged in any scuffle)
- Stayed up late and then slept or unfocused in class
- \square Was late to this class more than 2 times
- Back talked to the teacher when I got a warning or didn't comply right away to a request
- Didn't act on areas that needed improvement, got the same warnings/requests from the teacher over and over

Never had issues with any of the above

Based on above, rate your SELF REGULATION skill

Excellent - no issues

 \Box

- Good 1 or 2 selected
- Satisfactory 3 or 4 selected
- Needs Improvement more than 4 selected

Name: _____

Unit 6 – Geometry



Big idea/Learning Goals

Tentative TEST date

In this unit you will learn properties of different shapes and angles associated with them.

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website www.mrsk.ca



Success Criteria

#	DAY	Торіс	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1a	Properties of Shapes	GeometryShapes 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16 17,18,19,20,21,22,23,24,25,26,27			/27
2	2a	Properties of Intersecting Lines	GeometryAnglesBtwLines 1,2,3,4,5,6,7,8,9,10,11,12			/12
3	2b	All	GeometryMix 1 st page: 1,2,3,4,5,6,7,8,9,10,11,12 2 nd page: 1,2,3,4,5			/17
4	3	Geometry with Algebra	GeometryWithAlgebra a,b,c,d,e,f,g,h,l,j,k,l			/12
5	4a	Investigations	InvestigationOfShapes			
6		Review	EQA0practiceU6 1,2,3,4,5,6,7,8,9,10,11,12,13,14 15,16,17,18			/18



Reflect/Communication – previous TEST mark _____, Overall mark now_____.

Complete the next page to test your **Independent Work** skills. Based on your rating: What have you recently improved upon? What will you try to work on next?

Describe how you feel about your current mark in math

Calculate your potential final mark to see how averages work. Ensure to follow BEDMAS: potential final mark = (overall mark now)(weight so far) + (guess at your future mark)(weight to come)

)(0,50)+()(0,50)= (+ = potential final mark =

Test your Independent Work

Select any and all issues you've had before

- Didn't use class time wisely all of the time
- Had the teacher call my name many times as a reminder to focus
- Didn't finish more than 70% of homework (see your mark report under "Homework Category" if needed)
- Didn't study as much as needed for the tests
- \Box Got distracted by my electronic device at any time when it was inappropriate for me to do so
- Didn't bother to fill out Reflection/Communication pieces in the past units

Never had issues with any of the above

Based on above, rate your INDEPENDENT WORK skill

- Excellent no issues
- Good 1 or 2 selected
- Satisfactory 3 or 4 selected
- Needs Improvement more than 4 selected

Name: _____

Unit 7 – Measurement



Big idea/Learning Goals

Tentative TEST date _____

In this unit you will learn how to work with formulas and apply them to real life.

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website <u>www.mrsk.ca</u>



Success Criteria

#	DAY	Торіс	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1	Pythag	2PuzzlesPythagoreanWithWord 1 st puzzle: 1A,B,C,D,2,3,4A,B,5,6,7 2 nd puzzle: 1A,B,C,D,23,4,5,6,7			/20
2	2	Perimeter & Area	PRACTICEperimeterArea Part A: 1abcdef,2ab,3,4ab Part B: 1abc.2acb.3abc			/20
3	3a	Nets SA & V	MeasurementSAcompoundShapes 1,2,3,4,5,6			/6
4	3b		MeasurementVcompoundShapes 1,2,3,4,5,6			/6
5	4a	Applications	MeasurementReviewAll 1,2,3,4,5,6,7			/7
6	4b		MeasurementWordProbV&SA.pdf 1abc,2,3abc			/7
7	5	Max/Min	InvestigationMaxMinHandsOn OR InvestigationMaxMinWorksheet			
8		Review	EQA0practiceU7 1,2,3,4,5,6,7,8,9,10,11,12,13,14 15,16,17,18			/18

Reflect/Communication – previous TEST mark _____, Overall mark now_____.

Describe how you feel about your current mark in math

Compare the future mark calculations you performed in Unit 2,3 to the following mark calculation. Describe why it is harder to change your mark at the end of the semester than at the beginning.

Calculate your potential final mark to see how averages work. Ensure to follow BEDMAS: potential final mark = (overall mark now)(weight so far) + (guess at your future mark)(weight to come) $= ()(\bigcirc, \bigcirc \bigcirc) + ()(\bigcirc, \bigcirc \bigcirc)$ = +potential final mark =

Name: _____

REVIEW



Big idea/Learning Goals

In this unit you will review everything we have learned this semester.

EQAO dates

EXAM date

If you ever miss any class you are responsible to catch up on the lesson done in the Survival Guide and the homework pages assigned. Use the website <u>www.mrsk.ca</u>



Success Criteria

#	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	ProgressCheckWordProbPercent&Other			/18
	1,2,3,4,5abcd,6abc,7ab,8,9,10,11,12			, 10
2	ProgressCheckAlgebraSolve			(0.0
	1abcdef,2ab,3ab4abcdefgh5ab,6,7,			/30
	8abcd,9abc,10			
3	ProgressCheckExpPolynFormulas			
	1abcde,2abcdefghijk,3abc,4abc,5abc,6,			/42
	7ab,8abcdef,9abc,10ab,11,12,13			
4	ProgressCheckModel			/23
	1,2,3ab,4abcd,5ab,6,7,8abcdefg,9ab,10ab			/23
5	ProgressCheckLinEqtn			
	1,2,3ab,4ab,5abc,6,7,8,9,10,11,12abc,			/24
	13,14,15ab,16ab			
6	ProgressCheckData			/23
	1,2ab,3abcdefgh,4abcd,5abcd,6abcd			/23
7	ProgressCheckGeometry			/21
	1abcdefgh,2,3,4,5abcdef,6,7,8,9			/21
8	ProgressCheckMeasurement			/1/
	1ab,2ab,3,4,5ab,6abc,7,8ab			/14



Reflect/Communication – previous TEST mark _____, Overall mark now_____.

Looking back over this semester in a math class. What are your feelings about how things went?

Calculate your potential final mark to see how averages work. Ensure to follow BEDMAS: potential final mark = (overall mark now)(weight so far) + (guess at your future mark)(weight to come) $= ()(\bigcirc, ? \bigcirc) + ()(\bigcirc, ? \bigcirc)$ = +

potential final mark =