

HW list

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 www.mrsk.ca



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: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20 6,7,8,9,10,11,12,13,14,15,16,17,18,19,20 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 he/she made the mistake
Raises hand instead of blurting out answers	Follows directions	Respects personal boundaries	Sociable and polite	

What are your strengths as a student?

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

HW list

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 www.mrsk.ca



Success Criteria

#	DAY	TOPIC	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 11,12,13,14,15,16,17,18,19,20			/20
2	2	Zero & Neg Exponents	PuzzleNegZeroPowers partA: 1,2,3,4,5,6,7,8,9,10,11,12,13 partB: 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15			/28
3	3	All Exponent Laws	ExponentsReviewAll 1abcdefghijklmnopqr,2abcd,3abcdefgh, 4ab,5ab,6abcdefghijklnop,7,8abcd, 9abcd,10abcdef,11,12			/68
4	4	Polynomials	AlgebraPolynomials 1 st page: 1,2,3,4,5,6abc,7abcdefgh 2 nd page: 1ab,2ab,3abcd,4ab,5,6ab			/29
5	5	Distributive Property	AlgebraDistribute 1 st page: 1,2abcd,3abc,4ab 2 nd page: 1,2,3,4,5,6			/16
6	6	Algebra meets Geometry	PuzzleAlgebraWithGeometry 1S,O,I,2S,D,A,3E,S,Q,4R,W,R			/12
7		EXTEND to gr10 (Foil, GCF)	2puzzlesFOIL&GCF 1 st puzzle: S,A,E,W,O,A E,A,L,E,O,H M,T,K,H,L,V 2 nd puzzle:1abcde,2abcde,3abcde,4abcde			/33
8		Review	EQAOppracticeU1 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 **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

HW list

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	TOPIC	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1a	Evaluate & Check Answers	CheckAns&Evaluate 1 st page: a,b,c,d,e,f 2 nd page: M,A,N,T,E,R			/12
2	1b	Multi Step Equations	2puzzlesMultiStepEqtn 1 st puzzle: 1,2,3,4,5,6,7,8,9,10,11,12 13,14,15,16,17,18,19,20,21 2 nd puzzle: a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p			/37
3	2	Equations with Fractions	PuzzleEquationFractions 1 st column: G,I,O,S,A,E 2 nd column: M,B,R,N,F,T			/12
4	3	Mix Practice	SolveEqtn 1abcdefghijklmnop,2,3abc			/17
5	4a	Formulas	RearrangeFormulas 1,2,3abcdefghijklmnop,4abcdefghijklmnop			/20
6	4b		RearrangeFormulas2 1,2abcd,3abcdefghijklmnop			/13
7	5a	Word Problems Translate	WordProblems 1 st page: 1,2,3,4,5,6 2 nd page: 1,2,3,4,5,6,7,8,9,10,11,12			/18
8	5b	Money	WordProblemsMoney 1 st page: 1,2,3,4,5,6 2 nd page: 1,2,3,4,5,6,7,8			/14
9	5c	Percent	WordProblemsPercent 1 st page: 1,2,3,4 2 nd page: 1,2,3,4,5			/9
10		Review	EQAOppracticeU2 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 **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:

$$\begin{aligned} \text{potential final mark} &= (\text{overall mark now})(\text{weight so far}) + (\text{guess at your future mark})(\text{weight to come}) \\ &= (\quad) (0.10) + (\quad) (0.90) \\ &= \quad + \quad \\ \text{potential final mark} &= \end{aligned}$$

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
- 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)
- Didn't study as much as needed for the tests
- Didn't do my best job in recording complete notes
- 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

HW list

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	TOPIC	HW ASSIGNED	SHOWED STEPS? OR NOT COUNT	CHECKED ANSWERS? OR NOT COUNT	PUT SUBTOTALS ON EACH PAGE?
1	1	Linear & Nonlinear Relations	LinNonLin1stDiff 1abcd,2abcd,3,4			/10
2	2	Slope	Slope2points&VertHoriz 1ab,2abc,3abcdef			/11
3	3a	Distance Time Graphs	DistTimeGraphInvestigate 1abcdefghi,2abc,3abc			/15
4	3b		DistTimeRate 1,2abcdef,			/7
5	4a	Linear Relation	Rate&InitialValue 1ab,2ab,3ab,4ab,5ab,6ab,7ab,8abcdefg 9abcdefg,10abcdefg,11			/37
6	4b		EquationOfLineGraph+mb 1,2,3,4abcde,5abc,6ab			/13
7	5	Direct & Indirect Variation	TypesOfVariation 1abcdefghijkl,2abcde,3abcdef,4abc,5ab			/28
8	6a	Word Problems	LinRelRepManyWays 1abcdef,2,3,4,5			/10
9	6b		ModelWithGraphsApplications 1abcd,2abcde,3abcde,4,6,7abcdef,8abcde			/27
10		Review	EQA0practiceU3 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 **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:

$$\begin{aligned} \text{potential final mark} &= (\text{overall mark now})(\text{weight so far}) + (\text{guess at your future mark})(\text{weight to come}) \\ &= (\quad) (0.20) + (\quad) (0.80) \\ &= \quad + \quad \\ \text{potential final mark} &= \end{aligned}$$

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
- Forgot items like pencil, calculator, paper, etc
- Forgot to submit work on time
- Forgot to put name on work
- My binder is disorganized, papers crumpled/ripped
- 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
- Didn't make corrections to work given back to me
- Didn't catch up after being absent
- Stayed up late and then slept or was unfocused in class

- 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

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
- 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

- 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

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

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
- 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

