Math 8 Continuation of Learning

Office hours will be Monday, Tuesday, and Thursday 9-12.Please email your teacher if you have any questions. Lessons will continue to be posted in Google classroom, we will post the lessons at the beginning of the week and the answers at the end of the week. If there is a message that needs to be sent out to everyone, I will post it in Googleclassroom and send parents an email and Remind message. The plans below include all of the skills that I've taught this year, so it's basically a review for you. You certainly may complete any or all other skills in this book. We miss you, and hope to see you soon! Have a good summer.

sarah.prior@accomack.k12.va.us 617 - 871 - 0377 or ms.prior.2020@gmail.com
gwen.blake@accomack.k12.va.us 757 - 710 - 2219
sharon.aigner@accomack.k12.va.us 757 - 414 - 1204

Week 1 Coach Book Pretest pages 210-230; #'s 1-60 **Do not do the ones with the X on them** During this week complete the pretest. Do the best you can to complete the pre-test entirely on your own. Answers will be provided to you on Friday in Google Classroom so that you can self-check. This will tell you areas where you need to improve. As you complete the work during weeks 2-6 focus your energy on learning those things that you struggled with on the pre-test.	Week 2 Coach Book Chapter 1 Lesson 1: Order of Operations p.13 Lesson 2: Properties of Operations to Solve Expressions p. 17 - 18 Lesson 3: Scientific Notation p. 22 - 23 Lesson 4: Comparing and Ordering Numbers p. 26 - 27 Lesson 5: Real Numbers p. 31 - 32
Week 3 Coach Book Chapter 2 Lesson 6: Solve Real World Problems pp.43-44 Lesson 7: Evaluate Algebraic Expressions pp. 48-49 Lesson 8: Perfect squares and square roots pp. 53-54 Chapter 2 Review: pages 55-57	Week 4 Coach Book Lesson 9: Vertical, Supplementary, and Complementary angles pp. 64-65 Review worksheets Review of multistep equations ** Formula sheet is in the Coach book, after the Glossary.
Week 5 Coach Book Chapter 5 Lesson 13: Transformations pp. 99-101 Lesson 14: Construct a 3-D model pp. 105-107 Lesson 15: Pythagorean Theorem pp. 111-112 Lesson 16: Area/ Perimeter of composite figures pp. 117-119 Chapter 4 Review: pp 120-124 ** Formula sheet is in the Coach book, after the Glossary.	Week 6 Coach Book Chapter 6 Lesson 22: Represent Relations p. 169 - 171 Lesson 23: Represent Functions p. 176 - 177 Lesson 24: Solve Linear Equations p. 183 - 184 Lesson 25: Solve Linear Inequalities p. 188 - 190 Lesson 26: Graphing Linear Equations p. 194 - 197 Chapter Review: p 198 - 202
Week 7 Coach Book Post Test pp. 232- 252 **Do not do the ones with the X on them.**	Khanacademy.org and YouTube videos will give you a chance to see skills/problems solved.

Upon completion of the 7 weeks' program students should be prepared to return the completed course work to their teacher.

Students should demonstrate a reasonable understanding of course competencies. All students that demonstrate that level of competence will be promoted to the next grade level and continue their course work there. Students that are enrolled in a course that require an SOL Test will be required to take that test in the fall of the 2020-2021 school year.

Work hard and do your best. Wash your hands often, and listen to your parents.

We miss you and love you. Stay safe and healthy.

8th Grade Math Checklist for Continued Learning

	Assignment	Page Number	Parent Signature
Week 1	Pre-test	Complete	
Week 2	Lesson 1	Read pp 10	
	Lesson 2	Read pp 14	
	Lesson 3	Read pp 19	
	Lesson 4	Read pp 24	
	Lesson 5	Read 28	
	Week 2 Assessment	Complete pp 33	
Week 3	Lesson 6	Read pp 38	
	Lesson 7	Read pp 45	
	Lesson 8	Read pp 50	
	Assessment Week 3	Complete pp 55	
Week 4	Lesson 9	Read pp 60	
	Worksheet HW 2	Read pp 67	
	Worksheet HW 3	Read pp 74	

	Assessment Week 5:	Complete: The following Classifying Angles, Finding the missing Complimentary Angle, Finding the missing Supplementary Angle, 8.6 Classwork	
Week 5	Lesson 13	Read pp 94	
	Lesson 14	Read pp 102	
	Lesson 15	Read pp 108	
	Lesson 16	Read pp 113	
	Assessment Week 5	Complete 120	
Week 6	Lesson 22	Read pp 166	
	Lesson 23	Read pp 172	
	Lesson 24	Read pp 178	
	Lesson 25	Read pp 185	
	Lesson 26	Read pp 191	
	Assessment Week 6	Complete pp 198	
Week 7	Post-test	Complete	

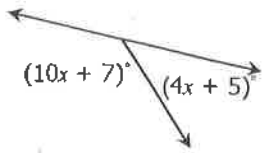
Name: _____ **Unit 7:** Geometry

Date: _____ Per: _____ **Homework 3:** Angle Relationships & Algebra

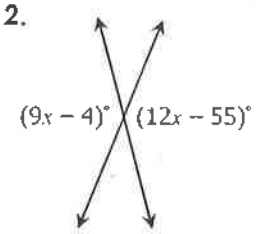
**** This is a 2-page document! ****

Directions: Classify the angle pair as vertical, complementary, or supplementary, then find the value of x.

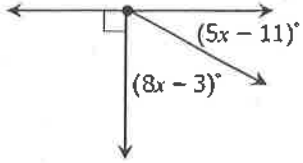
1.



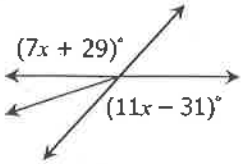
2.



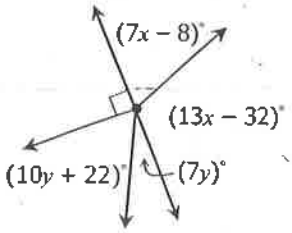
3.



4.

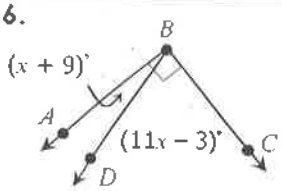


5. Find the value of x and y.



Directions: Find each angle measure.

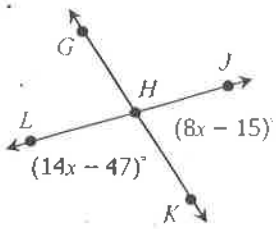
6.



$m\angle ABD =$ _____

$m\angle DBC =$ _____

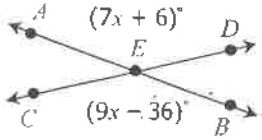
7.



$m\angle LHK =$ _____

$m\angle KHJ =$ _____

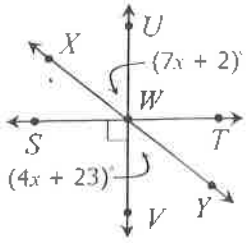
8.



$m\angle AED =$ _____

$m\angle DEB =$ _____

9.



$m\angle VWY =$ _____

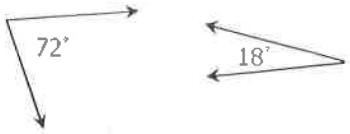
$m\angle SWX =$ _____

Name: _____ **Unit 7:** Geometry

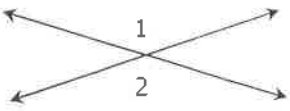
Date: _____ **Per:** _____ **Homework 2:** Angle Relationships

Directions: Classify the angle pair using all names that apply.

1.

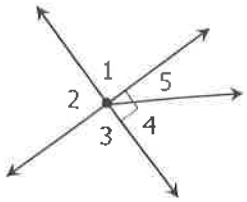


2.



3.

Directions: Using the diagram below, classify the angle pairs using all names that apply.



4. $\angle 3$ and $\angle 4$

5. $\angle 1$ and $\angle 3$

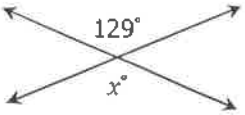
6. $\angle 2$ and $\angle 3$

7. $\angle 4$ and $\angle 5$

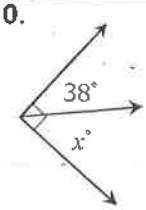
Directions: Find each missing measure.

8.

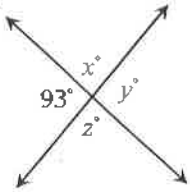
9.



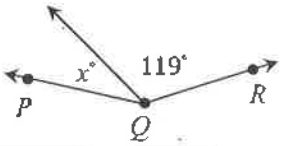
10.



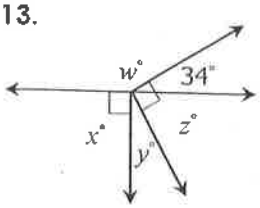
11.



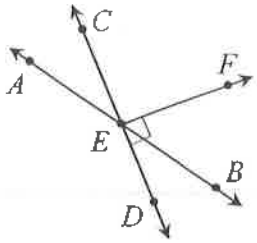
12. Given: $m\angle PQR = 147°$



13.



Directions: Use the diagram below, if $m\angle AEC = 41°$, find each angle measure.



14. $m\angle AED$

15. $m\angle CEF$

16. $m\angle DEB$

17. $m\angle BEF$

18. $m\angle CEB$

19. $m\angle AEF$

20. If $\angle PQR$ and $\angle SQT$ are vertical angles and $m\angle SQT = 109°$, find $m\angle PQR$.

21. If $\angle 2$ and $\angle 3$ are complementary angles and $m\angle 2 = 24°$, find $m\angle 3$.

22. If $\angle K$ and $\angle L$ are supplementary angles and $m\angle K = 56°$, find $m\angle L$.

Name : _____ Score : _____

Teacher : _____ Date : _____

Classify each angle as acute, obtuse, right, or straight.

1)  _____

2)  _____

3)  _____

4)  _____

5)  _____

6)  _____

7)  _____

8)  _____

9)  _____

10)  _____

11) 58° _____

12) 63° _____

13) 90° _____

14) 71° _____

15) 180° _____

16) 168° _____

17) 150° _____

18) 173° _____

19) 122° _____

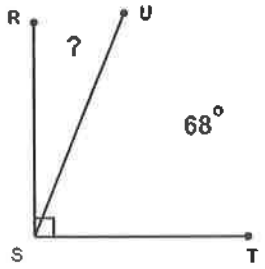
20) 70° _____

Name : _____ Score : _____

Teacher : _____ Date : _____

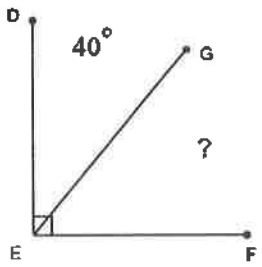
Find the missing angle measurement in each set of complementary angles.

1)



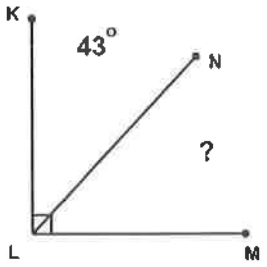
Angle = _____

2)



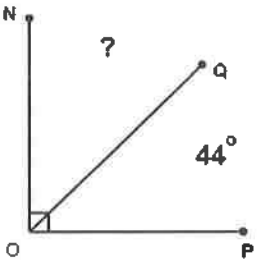
Angle = _____

3)



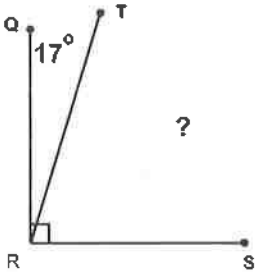
Angle = _____

4)



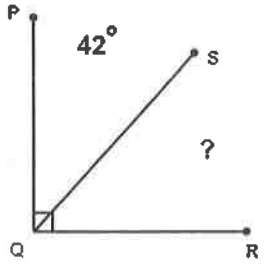
Angle = _____

5)



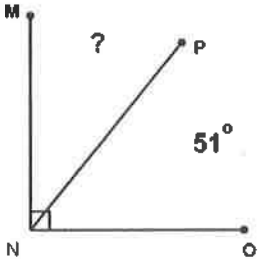
Angle = _____

6)



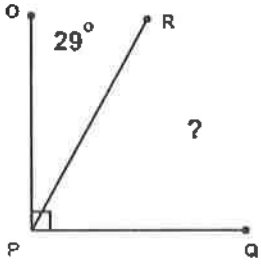
Angle = _____

7)



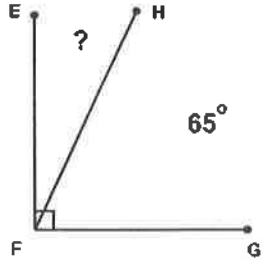
Angle = _____

8)



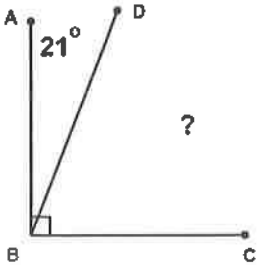
Angle = _____

9)



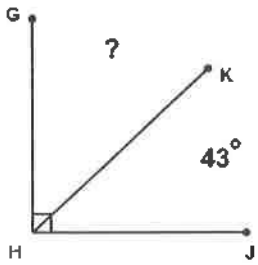
Angle = _____

10)



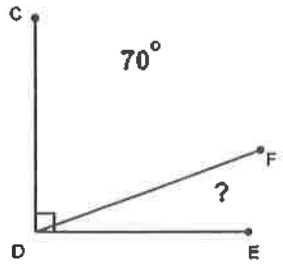
Angle = _____

11)



Angle = _____

12)



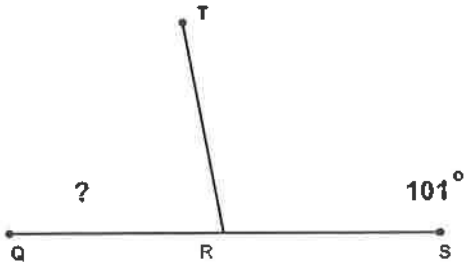
Angle = _____

Name : _____ Score : _____

Teacher : _____ Date : _____

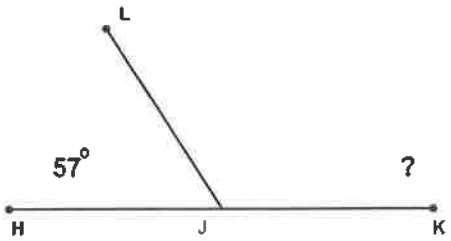
Find the missing angle measurement in each set of supplementary angles.

1)



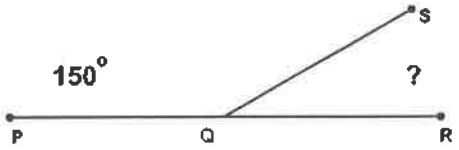
Angle = _____

2)



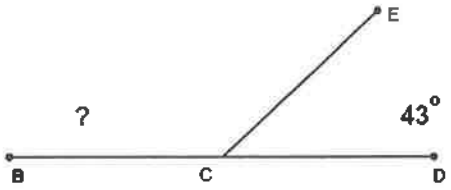
Angle = _____

3)



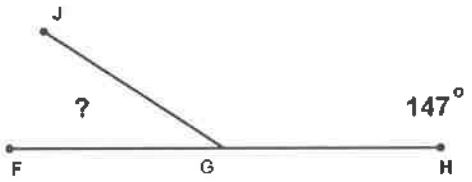
Angle = _____

4)



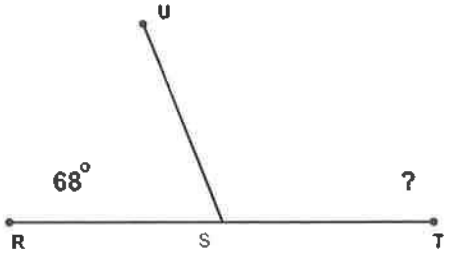
Angle = _____

5)



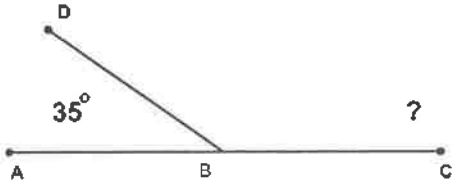
Angle = _____

6)



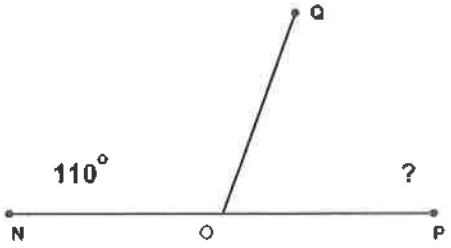
Angle = _____

7)



Angle = _____

8)



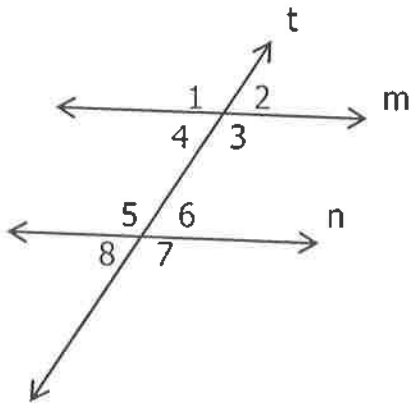
Angle = _____

Name _____ **Date** _____ **Block** _____

SOL 8.6: Classwork

1) Finding Measures of Angles

In the figure to the right, $m \parallel n$ and t is a transversal.
If $m\angle 2 = 74°$, find the measure of:



$m\angle 1$= $m\angle 3$=

$m\angle 4$= $m\angle 5$=

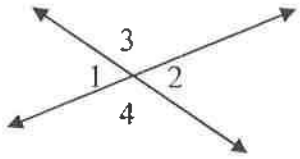
$m\angle 6$= $m\angle 7$=

2) Use the figure from question 1 to answer the following questions:

a) $\angle 1$ and $\angle 2$ are a pair of _____ angles.

b) $\angle 5$ and $\angle 7$ are a pair of _____ angles.

3) a) In the figure to the right, $\angle 1$ and $\angle 2$ are _____ angles.

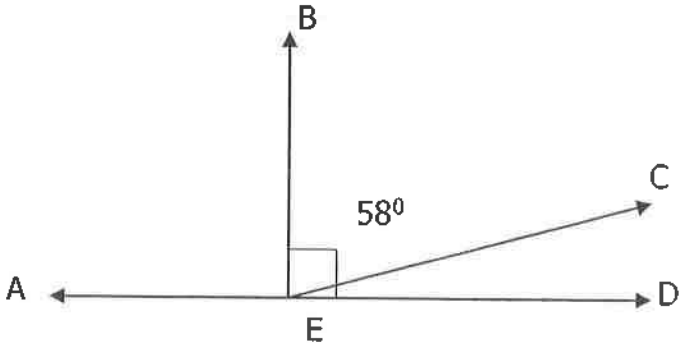


b) If the measure of $\angle 1$ is 64^0, what is the measure of $\angle 2$? _____

4) What are complementary angles? _____

5) What are supplementary angles? _____

6)



a) Determine the measure of $\angle CED$.

_____

b) Determine the measure of $\angle AEC$.

_____

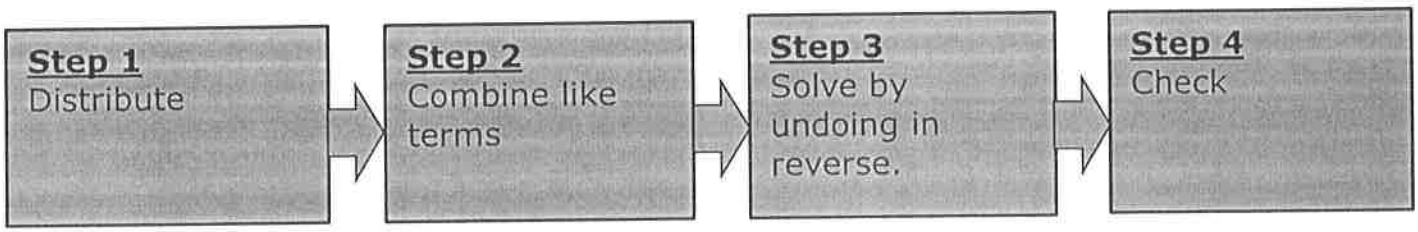
c) $\angle CED$ and $\angle AEC$ are _____ angles.

d) $\angle CED$ and $\angle BEC$ are _____ angles.

Lesson 6.2.4 – Multi-Step Equations With Distributive Property

Classwork

Name_____ Date_____ Period____



Solve each equation.

(1) $6x - 2x + 11 = -5$

(2) $3(x - 2) = 18$

(3) $3c - 3(6 - 2c) = 27$

(4) $3(y - 1) + 2(y + 3) = 13$

(5) $0.25(3 + a) = 0.5$

(6) $\frac{3}{4}\left(x + 5\frac{1}{2}\right) = \frac{5}{8}$

Lesson 6.2.4 – Multi-Step Equations With Distributive Property

Homework

Name_____ Date_____Period: ____

Solve each equation.

1. $-6 = 3(2z + 8)$

2. $6x + 12 - 3x = 51$

3. $2(3x + 4) = 35$

4. $2(3x + 7) + x = 70$

5. $15 - 4(x + 3) = 19$

6. $2(3x - 1) + 2(4x + 5) = 8$

7. $\frac{5}{9}(y + 3) = 40$

8. $0.4(x + 2) = 2$