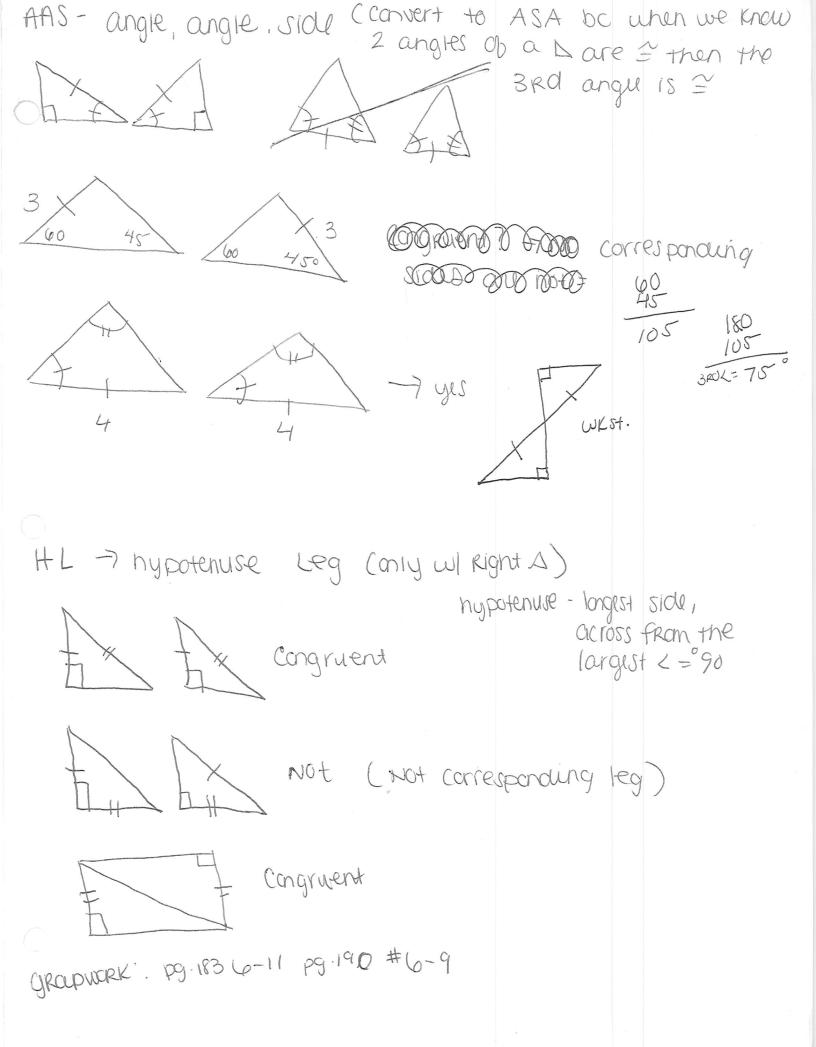
DAILY LESSON PLAN

Week of:	Date Grade	Subject	
Mychigth	3/23/07	'Grometry	MATH
General Topic:	congruent Triangl	es	
Today's Topic:	using the sss, sas, congruence.	ASA, AAS postula	tes to show triangle
Expected Student	What will students know	and be able to do as a	result of today's
Learning Outcomes		222	- 100
	Use the SSS, SAS,		
1	that specified tri		Ruent. As well
	icis understand the	e postwate.	
Standards	Which learning standard	from the MA Framewo	rks or WPS curriculum
Addressed:	does today's lesson addre		
W. G.	Number Sense Patterns, Relations & Fund		/ & Measurement & Probability
70	and an analysis and a second state of the second	LEWITS . To span and action	
School Improvement Plan	Which (if any) literacy str	rategy does today's les	sson address?
****hinacticit List	LEARN TO READ/READ TO L	EARN	1
	Pre-Reading	Guided Reading	Post Reading
	Preview Text	Make connections	Low Stakes Writing
	Ask Questions	Visuaiize	Projects
	Activate Prior Knowledge	Think aloud strategy	Presentations
			the state entry street, and the control of
	LEARN TO WRITE/WRITE TO	LEARN	
		Letters	Metacognitive Logs
	Exit slips	2 Column notes	
· · · · · · · · · · · · · · · · · · ·			THE RESIDENCE OF THE PROPERTY
	Solve problems using	linear equations/inequalit	ies
	Apply algebraic and gr	aphical methods to solut	ions
Outline of Lesson	Discuss HW pg. 17	7 # 7-12	
Activities: (to be posted on	Do worksheet #1		
classroom agenda)	Notes: Congruent		
	585	11 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, (
	SAS > C	nart (Eexample	
	HSA.		
·	Dowarksheet with	n class. #1-4	
i.			
	HW pg. 190#6-	1	
Assessment:	How will you assess stude	ents' understanding of	today's lesson?
	Test - Quiz - Verbal Questioning	Group Work - Homewor	k (written or reading) -
	Project Presentation - Portfolio	5 -	
!	Other:		and always

North 23, 2007	
geometry	landay & Thes
	101009
Kiangle Cangruence	HL & Usoceles mean
	the mean
DISCUSS HW Pg 177 #7-13	
GIVE work sneet (individual work)?	
Discuss work sheet.	
L> read into a congruence	
- in congruent polygons corresponding side our corresponding angles a	you must show all pours of e= and all pairs of re=, ts to prove \triangle congruence
1. SSS - Side Side Side	
At At -> congruent because of other	all corresponding sides
4 /5 4/5 7 same 1	
9 44 8 77 NOT congruent	
5/4 6/4 are they =? yss.	
	o if the lengths of the
	sides of a A are fixed
A A	there is just one share

it can howe, so they are =.



Practice

Pentagon FGHJK is congruent to pentagon PQRST. Name done for you. the corresponding parts of the pentagons. The first one is

$$\overline{FG}\cong \overline{PQ}$$

2.
$$\overline{GH} \cong$$

$$FG\cong RQ$$

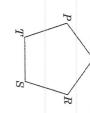
3. $HJ \cong$

$$ST \cong$$

$$TP \cong \underline{\hspace{1cm}}$$
 6

$$\angle S \cong$$

 $/K \cong$



Draw and label two congruent polygons for each statement.

- Parallelogram MNPQ is ogram RSTU. congruent to parallel-
- Hexagon PQRSTU is congruent to hexagon JKLMNO.

Apply the Idea

Write About It Look back at the figures Ned used for his stained-glass a statement to describe the congruence. design on page 108. Label two congruent polygons and write

14. If two polygons are congruent, must they also be regular polygons? Why or why not?

c A

Daily Lesson Plan Week of: OROMPTO General Topic: Congruent Triangles Today's Topic: Wing Triangle Congruence. **Expected Student** What will students know and be able to do as a result of today's Learning Outcomes Use congruence of corresponding parts to prove congruence of triangles. Develop and use the Isoceles Triangle Theorem Standards Which learning standard from the MA Frameworks or WPS curriculum Addressed: does today's lesson address? 1. Number Sense 3.) Geometry & Measurement 2.Patterns, Relations & Functions 4. Statistics & Probability Which (if any) literacy strategy does today's lesson address? Improvement Plan LEARN TO READ/READ TO LEARN Pre-Reading Guided Reading Post Reading ___Preview Text Make connections _Low Stakes Writing _Ask Questions Visualize Projects Activate Prior Knowledge _Think aloud strategy Presentations LEARN TO WRITE/WRITE TO LEARN Metacognitive Logs Exit slips ____2 Column notes Solve problems using linear equations/inequalities Apply algebraic and graphical methods to solutions Outline of Lesson MCAS Question Activities: Discuss the pg. 190 # 6-9 (to be posted on classroom agenda) Complete worksheet #5-7 as examples NOKS: AAS, HL, I socetes the cram PICK New graps groupwork: worksneet DISCUSS Classucrik DO Pg. 191# 10-12 HW pg. 191 # 18 - 15 Assessment: How will you assess students' understanding of today's lesson? Test - Quiz - Verbal Questioning - Group Work & Homework (wr)tten or reading) -

Project Presentation - Portfolios -

Ch 4.3 & 4.4 Geometry MCAS ? Pg.29 #5-7 Discuss HW: Pg. 190 #6-9 Complete worksheet #5-7 as examples. Notes: AAS: If 2 angles and one side that is not between them in one triangle are congruent to the corresponding 2 angles and the side not between them in another triangle, then the triangles are congruent. Not corresponding sides, HL: If the hypotenuse and the leg of a right triangle are congruent to the hypotenuse and the corresponding leg of another triangle then the two triangles are congruent.

What is the hypotenuse 7 side opposite the rt L.

what are the legs? The 2 = side not corresponding sides What is an isosceles triangle? A triangle with at least 2 equal sides. **Isosceles Triangle Theorem:** If 2 sides of a triangle are congruent, then the angles opposite those sides are congruent. Examples:

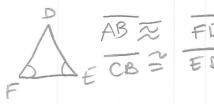
March 26th 2007

Converse: If two angles of a triangle are congruent, then the sides opposite those angles are congruent.

Example:







NO -D



Pick new groups (cards)

Group work: worksheet on sss, sas, asa, aas, hl, & isosceles theorem

Discuss

Do pg. 191 # 10-12 HW: Pg. 191 # 13-20

Pg. 191 #10-12



11. legs WU, UV & EF , EG

5 12 yes by SAS
G KUEKE are 90°

Name:	
State the Rule that would prove the congruent.	following pairs of triangles
5.	
2.	
3. P. 7.	5 20 5 20
8.	

\sim						
		I	116	10	h	
	W			H	Technol	

VAME			
VAIVIE	CLASS	DATE	
	CL-133	 DAIL	

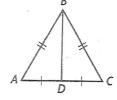


Practice & Apply

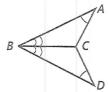
4.2 Exploring Triangle Congruence

In Exercises 1-4, explain whether each pair of triangles can be proved congruent using one of the three congruence postulates. If so, write an appropriate congruence statement and name the postulate that supports it. If not, explain why.

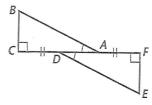
1.



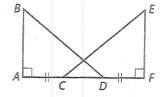
2



3.

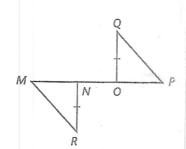


4.



Exercises 5-7 refer to the diagram that shows ΔMNR and ΔPOQ in which $\overline{RN}\cong \overline{QO}$.

5. If \overline{RN} and \overline{QO} are each perpendicular to \overline{MP} , name the angles in the triangles that must be congruent. Why?



- **6.** If $\overline{MO} \cong \overline{PN}$, which sides of the triangles must be congruent? Why?
- 7. What conclusion can you draw about the triangles? Write the postulate that supports your conclusion.

DAILY LESSON PLAN Subject Week of: urtempso General Topic: Congruent Triangles Today's Topic: using triungle congruence What will students know and be able to do as a result of today's **Expected Student** Learning Outcomes ewing triangle congruence postulates and using them to prove triangles are Standards Which learning standard from the MA Frameworks or WPS curriculum Addressed: does today's lesson address? 3. Geometry & Measurement 1. Number Sense 4. Statistics & Probability 2.Patterns, Relations & Functions School Which (if any) literacy strategy does today's lesson address? Improvement Plan LEARN TO READ/READ TO LEARN Pre-Reading **Guided Reading** Post Reading Preview Text Make connections Low Stakes Writing Ask Questions Visualize Projects Activate Prior Knowledge Presentations Think aloud strategy LEARN TO WRITE/WRITE TO LEARN __'I wonder" log entries Letters Metacognitive Logs _ Exit slips 2 Column notes Solve problems using linear equations/inequalities Apply algebraic and graphical methods to solutions

Outline of Lesson Activities: (to be posted on classroom agenda)

MCAS - 2 Triangle problems, I supp. < problem

Discuss HW pg-191#10-15 worksheet #8-10 correct

Group work: workshelet > correct answers Individual work! practice Quiz

DISCUSS HWI FINISH DRACTICE QUIZ

Assessment:

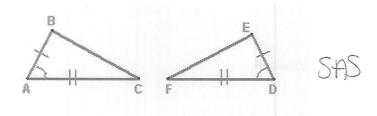
How will you assess students' understanding of today's lesson?

Test - Quiz - (Verbal Questioning - Group Work) Homework (written or reading) -

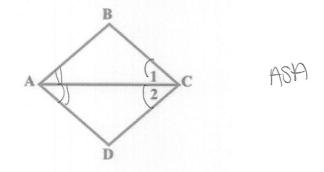
Project Presentation - Portfolios -

Other:

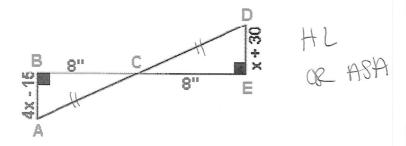
MCAS Questions



decide upon the proper method



narked up the discram did you mark

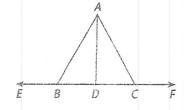




4.3 Analyzing Triangle Congruence

Exercises 1-5 refer to the diagram shown.

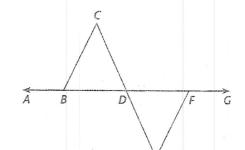
1. Since \overrightarrow{EF} is a straight line, $\angle EBA$ and $\angle DBA$ are also and $\angle FCA$ and $\angle DCA$ are also



- **2.** If $\angle EBA \cong \angle FCA$, what other two angles are congruent? Why?
- **3.** If \overline{AD} is the median to \overline{BC} , which segments are congruent?
- **4.** If \overline{AD} is also perpendicular to \overline{BC} , which angles are congruent?
- **5.** What conclusion can you draw about $\triangle ABD$ and $\triangle ACD$? Why?

Exercise 6-10 refer to the diagram shown.

6. Since \overrightarrow{AG} is a straight line, then $\angle ABC$ and $\angle DBC$ are and $\angle GFE$ and $\angle DFE$ are also



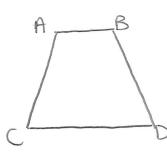
- 7. If $\angle ABC \cong \angle GFE$, what other two angles are congruent? Why?
- **8.** Since \overrightarrow{CE} is a straight line as well as \overrightarrow{AG} , which two angles of the triangles are congruent? Why?
- 9. If \overrightarrow{AG} bisects \overrightarrow{CE} , which segments are congruent?
- **10.** What conclusion can you draw about $\triangle CBD$ and $\triangle EFD$? Why?

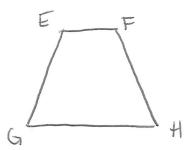
Name:

practice Quiz

Triangle Congruence

Complete the congruence for trapezoid ABCD = trapezoid EFGH





1, AB = ___

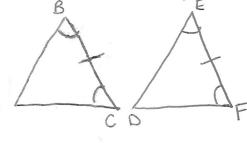
3. CD = ___

5. BD = ____

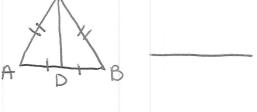
7. AC = ____

State the rule that would prove the following pairs of Triangles Congruent. Then State why.

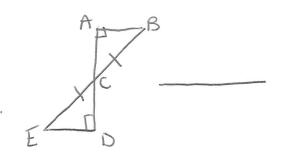
١.



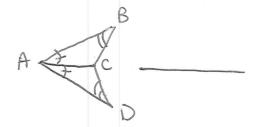
2



3



4.



DAILY LESSON PLAN Week of: Date Grade Glomet (General Topic: Congituent Triangles Today's Topic: Proving Triangle Congruence What will students know and be able to do as a result of today's Expected Student Learning Outcomes lesson? Use postulates to prove triangle congruence Standards Which learning standard from the MA Frameworks or WPS curriculum Addressed: does today's lesson address? 1. Number Sense 3. Geometry & Measurement 2. Patterns, Relations & Functions 4. Statistics & Probability School Which (if any) literacy strategy does today's lesson address? Improvement Plan LEARN TO READ/READ TO LEARN Pre-Reading Guided Reading Post Reading ___Preview Text Make connections Low Stakes Writing __Ask Questions Visualize Projects _Activate Prior Knowledge __Think aloud strategy Presentations LEARN TO WRITE/WRITE TO LEARN ___"I wonder" log entries Metacognitive Logs Exit slips ____2 Column notes Solve problems using linear equations/inequalities Apply algebraic and graphical methods to solutions Outline of Lesson CORRECT HW: PRACTICE QUIZ WORKSheet. Activities: (to be posted on Ouiz: Triangle Congruence classroom agenda) Computer lab Assessment: How will you assess students' understanding of today's lesson? Test - Quit - Verbal Questioning - Group Work - Homework (written or reading) -

Project Presentation - Portfolios -

Other:

Name:	
State the Rule that wou congruent.	Jd prove the following pairs of triangle
2.	
3.	7.
	8. No infe

DAILY LESSON PLAN Subject Week of: Date March 25, 2007 alone General Topic: Today's Topic: Meter & Area of Rectengles, Parallelograms & Triangle What will students know and be able to do as a result of today's Expected Student not the perimeter & Area of Rectangles Learning Outcomes Parallelograms & Triangles. Which learning standard from the MA Frameworks or WPS curriculum Standards does today's lesson address? Addressed: 3. Geometry & Measurement 1. Number Sense 4. Statistics & Probability 2.Patterns, Relations & Functions Which (if any) literacy strategy does today's lesson address? School Improvement Plan LEARN TO READ/READ TO LEARN Post Reading Pre-Reading Guided Reading Low Stakes Writing Preview Text Make connections Projects Ask Ouestions Visualize ____Presentations Think aloud strategy Activate Prior Knowledge LEARN TO WRITE/WRITE TO LEARN Metacognitive Logs "I wonder" log entries Letters 2 Column notes Exit slips Solve problems using linear equations/inequalities Apply algebraic and graphical methods to solutions Outline of Lesson Notes' what is Perimeter Activities: (to be posted on - Of a Rectangle, triangle, parallelogram classroom agenda) odd shaped figures. - Rectangle, triangle, parallelogram odd shaped DO Mixed snaped problem with class HW DQ. 248#5+13 How will you assess students' understanding of today's lesson? Assessment: Test - Quiz - Verbal Questioning - Group Work - Homework (written or reading) -Project Presentation - Portfolios -Other:

March 30, 2007 Geometry

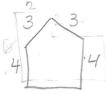
Perimeter and Area of Rectangles, Parallelograms, and Triangles

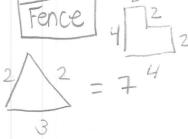
What is perimeter?

The sum of the lengths of the sides of a polygon. P = 2B + 2H

Example:







Now use the formula.

What is the base?

What is the height? If only given 2 measures.

height 1

P= 2(I)+2(H)

What is area? # of square units needed to cover a surface
- # Of non-overlapping unit squares. A=BH

We can use area in our everyday lives. Ex. Area of a wall can tell us how Must be ___ much paint we would need to paint it. The area of the floor would tell has how

Explain 1 square unit on the geoboard. 7

Pass out geoboards. and explain them.

Ask them to create a figure with the elastics that has an area of 4. Have them look at the number of boxes the figure has = 4Have them use the formula.

Area of a triangle: $A = \frac{BH}{2}$

 $\frac{2.6}{2} = \frac{12}{2} = 6 = \text{area}$

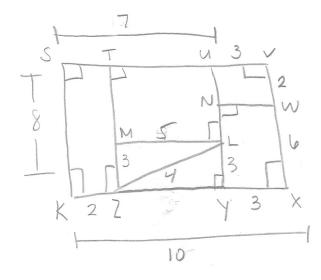
Example:

Now have them make a triangle on the geoboard. ***Notice we cannot count all the boxes. (this will happen with many figures) Turn the triangle into a rectangle and decide the area.

- What is the base?
- What is the height?

Pass out geoboards worksheet. Give students time to determine the area of the figures. Discuss

Do problem on the board: (discuss)



what is the perimeter of SVXK? 36 what is the area? 80 what is the perimeter of MLHZ? 216 / area? 15 use previous info to find areaeof & MLZ? = \frac{1}{2} \lambda MLZ?

HW: Pg. 248 # 5-13

DAILY LESSON PLAN Subject Week of: Date D001 HOU General Topic: Perimeter Carea, Area of Trapezoids Today's Topic: What will students know and be able to do as a result of today's Expected Student lesson? Finding Mauxi mum area with given perimeter & Minimum perimeter with given Learning Outcomes area. Formula to find the area of a Trapezoil Which learning standard from the MA Frameworks or WPS curriculum Standards does today's lesson address? Addressed: 3. Geometry & Measurement 1. Number Sense 4. Statistics & Probability 2.Patterns, Relations & Functions Which (if any) literacy strategy does today's lesson address? School Improvement Plan LEARN TO READ/READ TO LEARN Post Reading Pre-Reading Guided Reading Low Stakes Writing Make connections Preview Text Projects Visualize Ask Ouestions ____Think aloud strategy Presentations Activate Prior Knowledge LEARN TO WRITE/WRITE TO LEARN Metacognitive Logs Letters "I wonder" log entries 2 Column notes __ Exit slips Solve problems using linear equations/inequalities Apply algebraic and graphical methods to solutions Outline of Lesson MCAS Question Activities: Correct HW +9.248 #5-13 (to be posted on classroom agenda) Notes: Fixed Perimeter & AREa Area of a Trapezoid grapwark -> warksheet "Exploring Perimeter, Circumfrence & Area" HIN: FINISH WORK Sheet How will you assess students' understanding of today's lesson? Assessment: Test - Quiz - Verbal Questioning - Group Work - Momework (written or reading) -Project Presentation - Portfolios -Other:

April 2, 2007 Geometry

MCAS Question

Discuss HW

Groupwork: worksheet "Exploring Perimeter, Circumference, and Area" Correct

Notes: Fixed Perimeter & Fixed Area

Find h.

Ex. 3 on wkst.

A = 10h

n=3

given Perimeter = 48

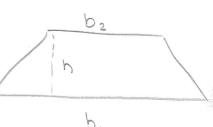
+= 7 48= 2(11) + 2B

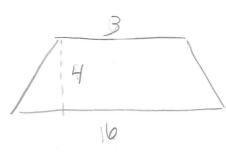
-> wkg

13=B

Area of a Trapezoid.

2





$$A = \frac{(3+6)}{2}$$

HW: proprestably finish war wheet

April 2, 2007 Geometry

MCAS Question

Discuss HW

Groupwork: worksheet "Exploring Perimeter, Circumference, and Area" Correct

Notes: Fixed Perimeter & Fixed Area area of a Trapezoid a Hexagon

1. given area find height. WKST = Ex3

Given Perimeter Find lengths.

$$\begin{array}{c|c}
& \text{Base} = 12 \\
P = 17
\end{array}$$

$$70 = 2(12) + 2H$$

$$70 = 24 + 2H$$

$$-24 - 24$$

$$70 = 24$$

$$70 = 24$$

$$70 = 24$$

$$10 = 24$$

$$10 = 24$$

$$10 = 24$$

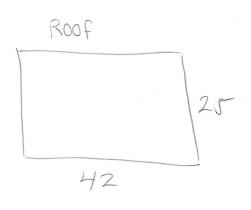
$$10 = 24$$

$$10 = 24$$

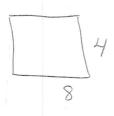
Fixed Area!

DAILY LESSON PLAN

	Week of:	Date Gr	ade	Subject		
	april 1,2007	1 /- / -	10	algmetry	MATH	
	General Topic:	Perimeter a:	ARPCL			
	Today's Topic:			S & Fixed	d Perimeter & Area	
	Expected Student	What will students	know and	i be able to do a	s a result of today's	
	Learning Outcomes	lesson?				
		Find the a	rea of	Trapeza	erids,	
A NAME AND A		Find the M	iximi	im area	with given perimeter.	
Towns or other		FIND MINIMU	m Deri	meter wit	h Maximum area	
-	Standards Addressed:				works or WPS curriculum	
	Addressed:	does today's lessor 1. Number Sense	n address?		try & Measurement	
The state of the s		2.Patterns, Relations	& Function			
	School	Which (if any) liter			leaner address 7	
of terrest	Improvement Plan	LEARN TO READ/REA			tesson audress?	
The American		Pre-Reading			Book Booding	
****		Preview Text		uided Reading Make connection	Post Reading sLow Stakes Writing	
Annual of section of	₹	Ask Questions		Visualize	Projects	
-		100 mg 100 100 100 100 100 100 100 100 100 10	1		Presentations	
Topological Property of the Parket of the Pa	e de la companya de l	Activace Thos Milo	wieuge	THIRK BIOUU SUBLE	gyriesentations	
	and a second					
The same of		LEARN TO WRITE/WI	RITE TO LE	ARN	derice golgenismen emera eminemente emile eminemidios. April 1966	
	To the state of th	"I wonder" log ent	tries	Letters	Metacognitive Logs	
	The suppose of the su	Exit slips		2 Column notes		
		Solve problems using linear equations/inequalities				
		Apply algebraic	and graph	ical methods to so	lutions	
	Outline of Lesson	MCAS QUESTIC	2			
1	Activities: (to be posted on			cheet #1	-10 (1410)	
	agenus)	Correct HW -> worksheet #1-6,9\$10				
		Do Pg. 249 # 19 & 21 individually				
		DISCUSS				
		CIOSSWORK =	700 D	piect Acti	vity (Ourzgrode)	
		HILL TIOUCH	m bi	9 5 70 7	56 #10-03	
		HW: FINISh	TIGHE	or py, 2	08717-25	
	4					
		enterligible von rauther spagnisterde. Na spalmingte av machening und demikropanskepte – dept. mag	Ministration and the second se		A CONTRACTOR OF THE PARTY OF TH	
4		How will you assess			of today's lesson? vork (written or reading) —	
	i	Project Presentation - P	_	innh agus Cuotties	and Paritred of Lenning)	
		Other:				
	;					



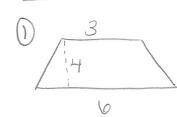
Ply wood



$$A = 32$$

$$\frac{32.81}{3211050} = 33$$
 pieces of plywood

MCAS



$$A = \frac{(b_1 + b_2)H}{2}$$

$$A = \frac{(6+3)4}{2}$$

$$\frac{9.4}{2} = \frac{36}{2} = 18 = A$$

$$24 = \frac{(8+4)h}{2} = \frac{12h}{2} = \frac{24}{6} = \frac{6h}{6}$$



Practice & Apply

5.1 Exploring Perimeter, Circumference, and Area

Use the figure and the dimensions to answer Exercises 1-6.

$$AD = 30 \text{ in.}$$

$$WD = AZ = FB = 24 \text{ in.}$$

$$WB = 12 \text{ in.}$$

1. The perimeter of rectangle
$$XAWF = 2(12) + 2(6) = 24+12$$

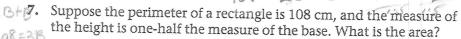
2. The perimeter of rectangle
$$XAZE = 2(24) + 2(12) = 48 + 24$$

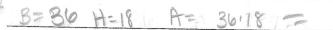
4. The area of
$$\triangle AWF = \frac{1}{2} \cancel{12} \cancel{13} \cancel{1$$

5. The area of trapezoid
$$ADEF = 28810^2$$
 (Use Exercise 4.)

6. The area of hexagon
$$ABCDEF = 516in^2 = 2$$
(Use Exercise 5.)

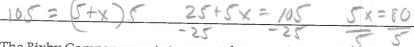






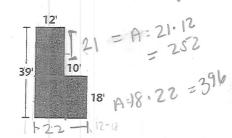


8. Two opposite sides of a 5-inch square were increased in measure to form a rectangle. If the area of the rectangle is 105 in.², by how much was one side of the square increased?



9. The Bixby Company wants to carpet the area of their lobby floor that is shown. Carpeting is sold by the square yard. How many square yards are there in the area shown? (9 $ft^2 = 1 \text{ yd}^2$)

$$72yd^2$$
 $252+396=648/9=72yd^2$



24

The number of square yards of carpeting that must be purchased depends on the width of the roll on which the carpet comes.

10. If the carpet chosen comes on 12-foot rolls, and lengths must be purchased in full square yards, how many square yards of carpet must Bixby buy?





Geometry at the Zoo

At a zoo, it is important to design spaces for animals that maximize area so the animals have enough room. Because zoos often depend on contributions to survive, they must minimize costs whenever possible. In this activity, you will be designing the outdoor portion of a primate habitat for the City Zoo. Keep in mind that monkeys and other primates can climb very well; therefore, their enclosures must be covered to keep them from escaping. Follow the specifications to create a design plan and sketch for each scenario.

- 1. The perimeter of the enclosure will be a chain link fence. A fencing supply company will donate enough material to construct a 60-foot perimeter. One wall or part of the wall of the primate building can be used as a part of the outdoor habitat area. This building is rectangular and measures 40 feet by 50 feet. Design the outdoor habitat to find the largest area using the donated fencing supplies.
- 2. Since the enclosure will need a roof or cover, calculate the area of material needed for the design you developed.
- 3. Another company will donate roofing material that will cover a 350-square foot area. Will this be enough to cover the design you created? If not, alter your design to create an enclosure using only donated supplies.
- 4. Now you must create an expense report for the fencing supply company because they need to know the price of the supplies they are donating.

The chain link fence is priced at \$.50 per foot and has a standard delivery charge of \$45.

What is the total cost for fencing materials?

They will also need to hire workers to install the fence who will be paid \$8 an hour for their work. The company hires 3 workers and they each work 4 hours a day for 3 days to complete the installation of the fence.

What is the total cost for hiring workers?

What is the total cost of putting in the fence?

5. You must now create an expense report for the roofing company because they need to know the price of the supplies they are donating.

The shingles are priced at \$1.00 per shingle. 20 shingles cover an area of 10 sq ft. How many shingles do they need to cover the roof? What is the total cost of shingles?

The delivery charge for the roofing materials is \$50. They will also need to hire workers to install the roof. The chief roofer will be paid \$10 an hour for his work and his 2 assistants will be paid \$6 and hour. The workers complete the roof in 2 days and work 5 hours a day. The chief engineer works for an extra 2 hours each day to make sure the shingles are properly secured.

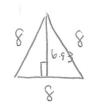
What is the total price for delivery and the hiring of workers?

What is the total cost of putting in the roof?

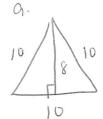
DAILY LESSON PLAN Subject Grade Week of: MATH alomen (ADYIL 1,200 General Topic: Finding area of Trapetolds, triangle, Parallelus rans
What will students know and be able to do as a result of today's Today's Topic: Expected Student pull shapes out of larger complex figures Learning Outcomes lesson? and find the area. Which learning standard from the MA Frameworks or WPS curriculum Standards does today's lesson address? Addressed: 3. Geometry & Measurement 1. Number Sense 4. Statistics & Probability 2.Patterns, Relations & Functions Which (if any) literacy strategy does today's lesson address? School Improvement Plan LEARN TO READ/READ TO LEARN Post Reading Pre-Reading Guided Reading Low Stakes Writing Make connections Preview Text Projects Visualize Ask Questions _Activate Prior Knowledge ____Think aloud strategy ____Presentations LEARN TO WRITE/WRITE TO LEARN Metacognitive Logs Letters "I wonder" log entries 2 Column notes Exit slips Solve problems using linear equations/inequalities Apply algebraic and graphical methods to solutions Outline of Lesson MCAS: Fixed area Activities: (to be posted on Careca HW pg. 258 #19 23 classroom agenda) Classwork pg. Trapezoid problem wkst AW: pg. 257 # 4-15 How will you assess students' understanding of today's lesson? Assessment: Test - Quiz - Verbal Questioning - Group Work / Homework (written or reading) -Project Presentation - Portfolios

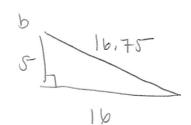
Other:

19.



20.





DOANA

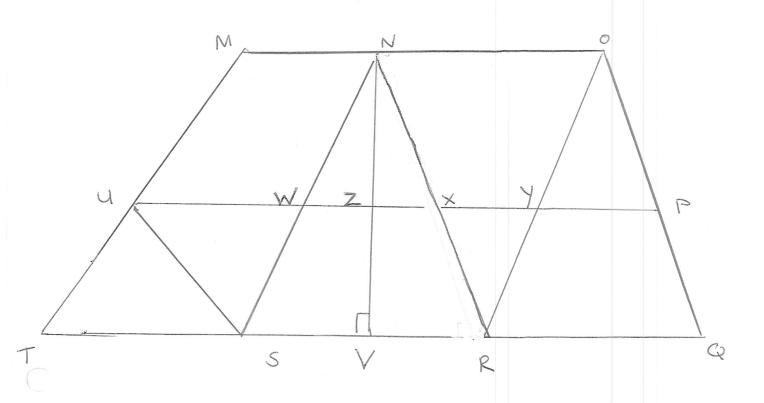
Triangu B nas larger perim-eter

B. B

parallelogram B has greater area.

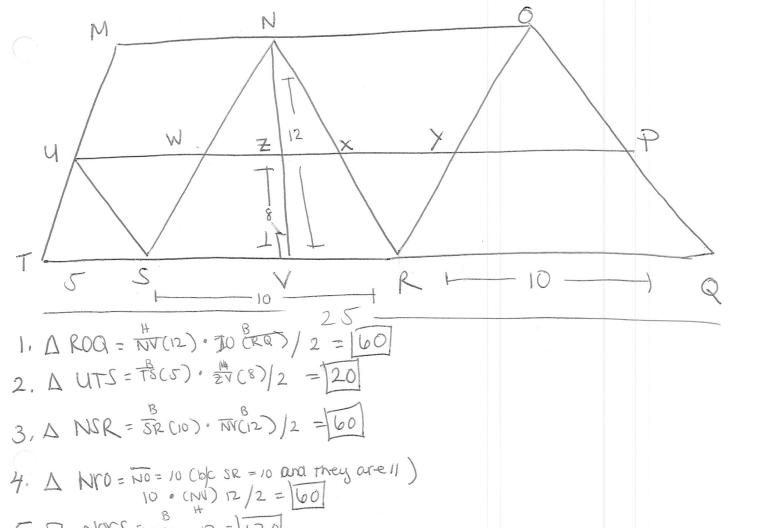
Name:

Use the information below to answer questions # 1-10



- MO 11 TQ UP 11 TQ 1.) The area of A ROQ = MT 11 NS NS 11 OR 2.) The area of A UTS = 3.) The area of A NSR= TQ = 25 UP = 20 4.) The area of ANRO = 5.) The area of parallelogram NORS =
- 6.) The area of parallelogram MNWU = 7.) The area of trapezoid NOQS = 8.) The area of trapezoid WPQS = 9.) The area of trapezoid NOPW= 10.) The area of trapezoid MOQT =

answer key



5.
$$\square$$
 NOTS = $\frac{8}{10}$, $12 = \boxed{120}$

8.
$$\triangle$$
 NPQS = B₁ = 20 B₂ = 15 H = 8 (20+15)8 [140]
9. \triangle NOPN = B₁ = WP=15 B₂ = 10 b/c SR=10 H = 4=NZ (15+10)4 [50]

10
$$\triangle$$
 MOQT $B_1 = TQ = 25$ $B_2 = M0 = 15$ $H = W = 12$ $25 + 15)12 = 240$

$$A = \frac{1}{2}bh \quad A = bH \quad A = \frac{(b_1 + b_2)h}{2}$$

DAILY LESSON PLAN

The state of the s	Service Control of the Control of th
Week of:	Date Grade Subject - 4/5-167)() - Olometry MATH
10011 1200 t	1/2/01/10 - 9/4/10/19
General Topic:	Perimeter & Area
Today's Topic:	Circum Frences & Areas of Circles
Expected Student	What will students know and be able to do as a result of today's
Learning Outcomes	+ Ord III 9 JORITOURS 192 III CITCON III
	and area of a circle.
	Solve problems using the fermulas fer
	the circumfrence & area of a circle
Standards	Which learning standard from the MA Frameworks or WPS curriculum
Addressed:	does today's lesson address? 1. Number Sense 3. Geometry & Measurement
A. T.	2.Patterns, Relations & Functions 4. Statistics & Probability
School Improvement Plan	Which (if any) literacy strategy does today's lesson address?
Treshto acougue to Light	LEARN TO READ/READ TO LEARN
	Pre-Reading Fost Reading
	Preview Text Make connections Low Stakes Writing
	Ask QuestionsVisualizeProjects
	Activate Prior KnowledgeThink aloud strategyPresentations
acceptable	the entirences was excessible and previous and supported and decimated and decimated and supported and entirence a
	"I wonder" log entries Letters Metacognitive Logs
1	
Adjusting the second se	Exit slips2 Column notes
	Solve problems using linear equations/inequalities
	Apply algebraic and graphical methods to solutions
Outline of Lesson	MCAS
Activities: (to be posted on	Carrect HW Pg. 257#4-15
classroom agenda)	NOTES: CIrcle - Diagram
	Radius = $r = \frac{q}{2}$
-	alameter- d=2r
	Exploration 1 pg. 202.
	Notes: Formulas: circumfrence = 2 Tr or and I some samouthemotica
	Wen = 12 2
	Notes: Formulas: Circumfrence = 211 r or \$100 cuny usa Mouthematica, Wea: Trr2 Examples: (One of each carea & circumfrence) classwork: UKe an airline: Hwi worksheet # 1-4 Extra Great # 5-7
	HWI WORKSheet # 1-4 Extra Credit # 5-7
Assessment:	How will you assess students' understanding of today's lesson?
	Test - Quiz - Verbal Questioning - Group Work - Homework (written or reading) -
	Project Presentation - Portfolios -
	Other:

grunker y HW pg. 257#4-15

JK= 40

 $\Delta KCL = \frac{14.15}{2} = 105$ (5) ΔBJK JK $\Delta BCK = \frac{15.16}{2} = 75$ $\Delta DIJ = \frac{5b}{2} = 28$

] BCKJ= 10, 15=150

EGKJ: 70

MABED = 8.8 = 64 (1) HACKI = 18.15 = 270

EHLY (24+17)7 = 143 (13) \angle BCHE = (10+17)8 \angle 2 = 108

BCL5 = (16 + 24) 15 = 255 (3) ACLI (324 18) 15 = 375

DAILY LESSON PLAN

	Week of: Opril 8, 2007	Date Grade Subject 4/19/07 10 Quametry MATH
	General Topic:	The state of the s
	Today's Topic:	Perimeter & Arra
CERTIFICATION	Control to the control of the contro	Circumfrences & Areas of Circles
	Expected Student Learning Outcomes	What will students know and be able to do as a result of today's lesson?
100		I dentify fermulas for the arounfrence
1000		and area of a circle.
Contraction		some problems using the fermulas.
STANSON OF	Standards Addressed:	Which learning standard from the MA Frameworks or WPS curriculum
termina maken	ridal Caseu,	1. Number Sense 3 Geometry & Measurement
errittentilen		2.Patterns, Relations & Functions 4. Statistics & Probability
and the second	School	Which (if any) literacy strategy does today's lesson address?
Andrews (Chicken	Improvement Plan	LEARN TO READ/READ TO LEARN
design of the same		Pre-Reading Post Reading '
Annual mark-park		Preview TextMake connectionsLow Stakes Writing
Philadeline		Ask QuestionsVisualizeProjects
Total Springer		Activate Prior KnowledgeThink aloud strategyPresentations
Property.		
A Prince		LEARN TO WRITE/WRITE TO LEARN
1		
Anna Anna Anna Anna		Exit slips 2 Column notes
Table State		
Management of the last of the		Solve problems using linear equations/inequalities
- Andread	and the same of th	Apply algebraic and graphical methods to solutions
	Outline of Lesson Activities:	MCAS
-	to be posted on	DISCUSS HW: Worksheet "Why is a Mouthematician like an airplane?"
	lassroom agenda)	
-		Notes: Review: Radius = 9
	a sufficiency	Cirumfrence = 21
	-	area = Tr2
		Word Problem & Shaded Region problem.
		graupwork: worksheet #1-10" Discuss +w: pg. 264#5-12
A	ssessment:	How will you assess students' understanding of today's lesson?
		Test - Quiz - Verbal Questioning - Group Work - Homework (written or reading) -
	-	Project Presentation - Portfolios - Other:
	1	1