

This packet belongs to _____ Grade _____

Lots of information....

I have dated each of the AMI lessons from here on out. Finish through day 25 (which is April 20) and then begin on the AMI work dated April 21. The last day of school is MAY 8.

Turn in your packets as soon as you get them finished. You can turn them in at Bradbury's, the school drop off, text, or email. I need all the time I can get to grade them.

ALL AMI WORK WILL BE DUE ON MAY 11 AT THE VERY LATEST! NO EXCEPTIONS!!!

I have several no name AMI papers. I have them placed in a box in the lobby. If you find your paper, write your name on it and return it back into the box.

Return your books to me as soon as possible. You can lay them in the hallway outside of my classroom or give them to Monica. I have marked the area in the hallway by my door where you (or Monica) are to lay them depending upon the subject.

I AM MISSING CALCULATOR #26 AND #29.
I NEED THEM BACK IF YOU FORGOT TO RETURN THEM!!!

You can join my Remind group. It is a great way for us to talk back and forth.

Also, email me if you need to...
Mandy.Brown@norfork.k12.ar.us

Send a text to

81010

Text this message

@dk8dfc

I guess that's about it! Miss you!!

Mrs. Brown

April 21: Geometry

Name _____

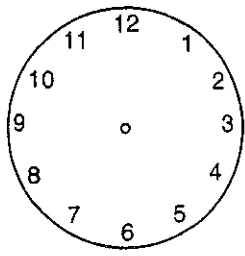
1-14 Angles and the Hands of Time

In this activity you will be given various times expressed in digital form. You are to draw how each time will appear on a round clock. You are then to estimate the measure of the angle created by the hour and minute hands. After making your estimate, classify the angle as being acute, obtuse, right, or straight.

- ▲ An *acute* angle has a measure greater than 0° and less than 90° .
- ▲ An *obtuse* angle has a measure greater than 90° and less than 180° .
- ▲ A *right* angle has a measure of 90° .
- ▲ A *straight* angle has a measure of 180° .

* Draw the given time
* Estimate the angle measure
* Tell the angle name (acute, obtuse, right, straight)

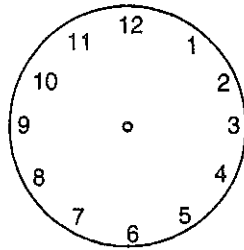
1. 12:15



Estimate _____

Angle _____

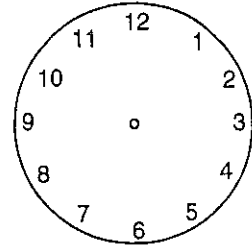
2. 3:00



Estimate _____

Angle _____

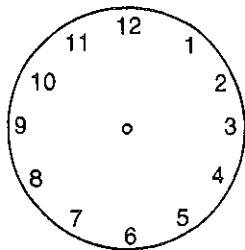
3. 7:30



Estimate _____

Angle _____

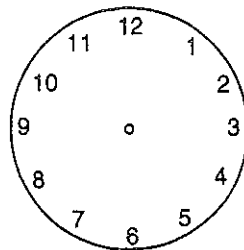
4. 3:45



Estimate _____

Angle _____

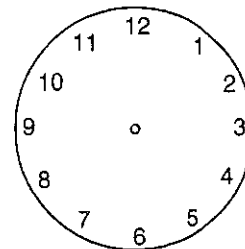
5. 5:00



Estimate _____

Angle _____

6. 8:10



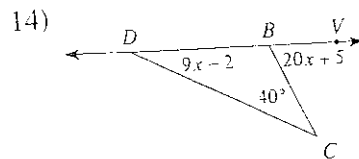
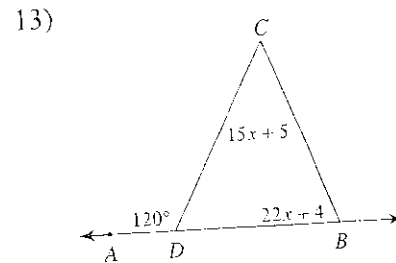
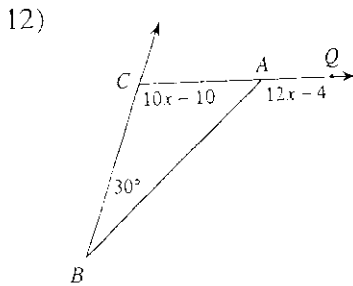
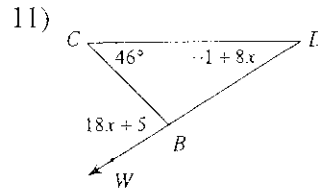
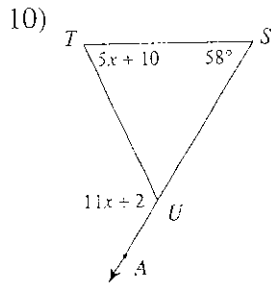
Estimate _____

Angle _____

April 22: Geometry

Name _____

Solve for x . Remember a \triangle has 180° and a straight line is equal to 180°

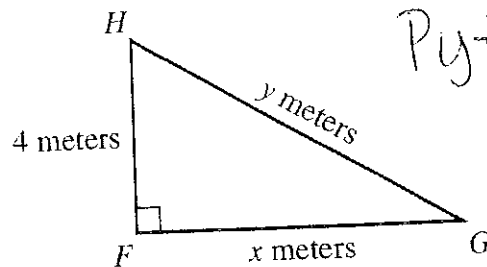


April 23: Geometry

Name _____

13. The sides of a square are 3 cm long. One vertex of the square is at (2,0) on a square coordinate grid marked in centimeter units. What are the other two ordered pairs that could possibly be the vertices of the square **which lie on the x-axis**?
- _____

14. For $\triangle FGH$, shown below, what is the expression for y in terms of x ? _____



*Hint:

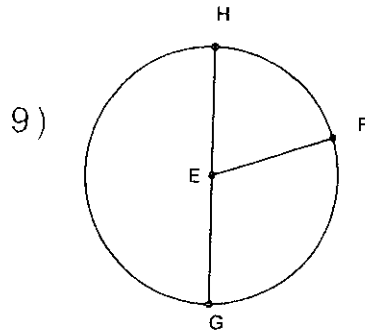
Pythagorean Thm

- 13) On Tuesday Shanice bought five hats. On Wednesday half of all the hats that she had were destroyed. On Thursday there were only 17 left. How many did she have on Monday?

- 14) The Cooking Club made some pies to sell at a basketball game to raise money for the new math books. The cafeteria contributed four pies to the sale. Each pie was then cut into five pieces and sold. There were a total of 60 pieces to sell. How many pies did the club make?

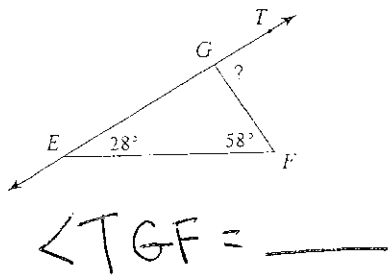
April 24: Geometry

Name _____

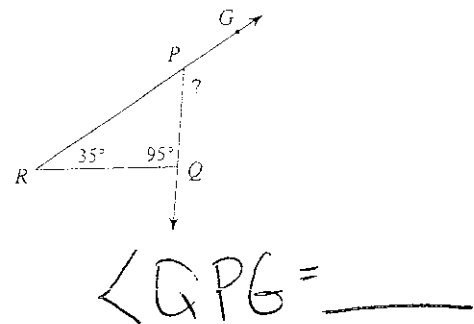


Radius: _____
 Diameter: 34 inches
 Circumference: _____
 Area: _____

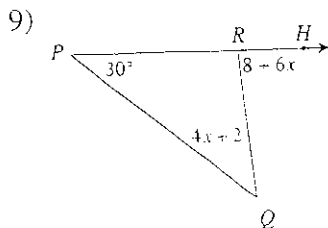
7)



8)



Solve for x .

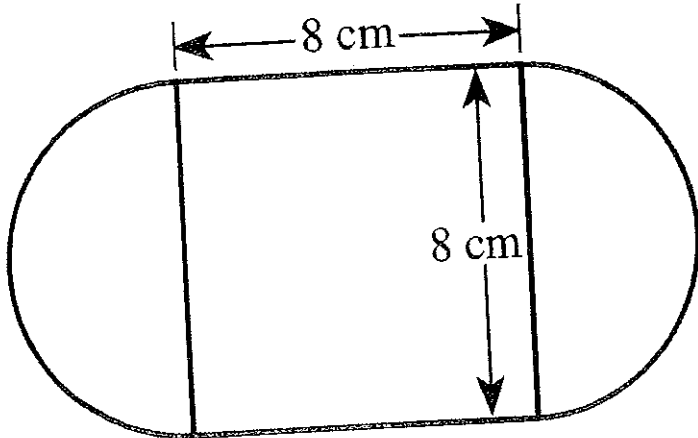


*Remember a Δ has 180° , and a straight line is equal to 180° *

April 27: Geometry

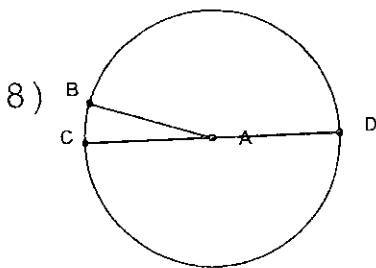
Name _____

17. The figure below consists of a square and 2 semicircles, with dimensions as shown. What is the outside perimeter, in centimeters, of the figure? _____

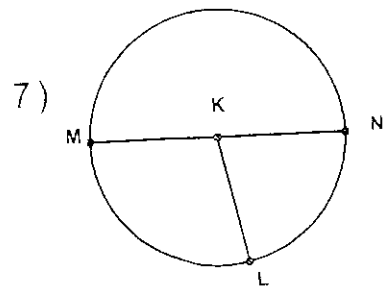


- 7) Sumalee won 40 super bouncy balls playing horseshoes at her school's game night. Later, she gave two to each of her friends. She only has 8 remaining. How many friends does she have?

- 8) Imani spent half of her weekly allowance playing mini-golf. To earn more money her parents let her wash the car for \$4. What is her weekly allowance if she ended with \$12?



Radius: 14 inches
 Diameter: _____
 Circumference: _____
 Area: _____



Radius: _____
 Diameter: 40 inches
 Circumference: _____
 Area: _____

April 28: Geometry

Name _____

1) 331 students went on a field trip. Six buses were filled and 7 students traveled in cars. How many students were in each bus?

2) Aliyah had \$24 to spend on seven pencils. After buying them she had \$10. How much did each pencil cost?

3) The sum of three consecutive numbers is 72. What are the smallest of these numbers?

4) The sum of three consecutive even numbers is 48. What are the smallest of these numbers?

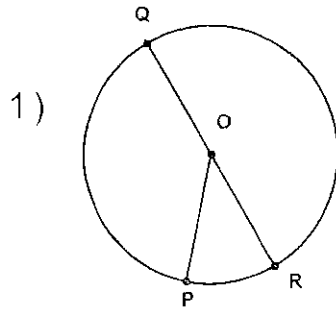
5) You bought a magazine for \$5 and four erasers. You spent a total of \$25. How much did each eraser cost?

6) Maria bought seven boxes. A week later half of all her boxes were destroyed in a fire. There are now only 22 boxes left. With how many did she start?

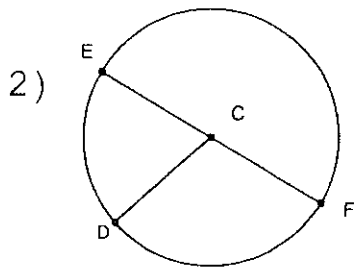
April 29: Geometry

Name _____

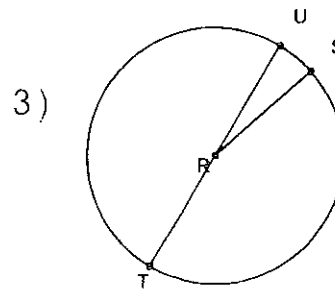
Solve the missing elements for each problem. Use 3.14 for π .



Radius: 10 inches
Diameter: _____
Circumference: _____
Area: _____



Radius: 8 inches
Diameter: _____
Circumference: _____
Area: _____



Radius: 15 inches
Diameter: _____
Circumference: _____
Area: _____

April 30: Geometry

Name _____

9) Aliyah had some candy to give to her four children. She first took ten pieces for herself and then evenly divided the rest among her children. Each child received two pieces. With how many pieces did she start?

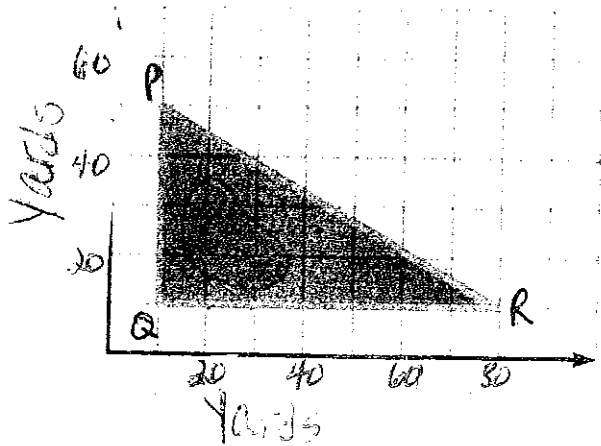
10) How old am I if 400 reduced by 2 times my age is 244?

11) Jill sold half of her comic books and then bought sixteen more. She now has 36. With how many did she begin?

12) For a field trip 4 students rode in cars and the rest filled nine buses. How many students were in each bus if 472 students were on the trip?

May 1: Geometry

Name _____



As shown, a path goes around a triangular park.

- a. Find the distance around the park to the nearest yard.

distance formula: $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

- b. A new path and a bridge are constructed from point Q to the midpoint M of PR.

Where is M located at?

midpoint formula: $\left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$

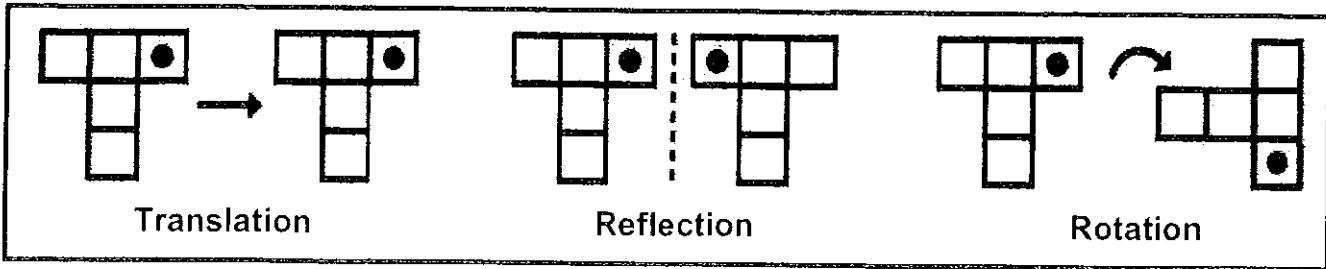
- c. What is the distance from Q to M?

May 4: Geometry

Name _____

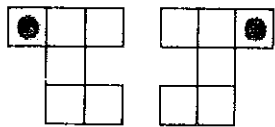
Name the transformation

Translation, Rotation, and Reflection



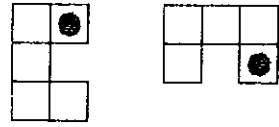
Identify each shape as translation, rotation, and reflection.

Example:
1)

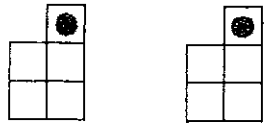


Reflection

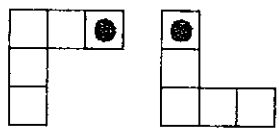
2)



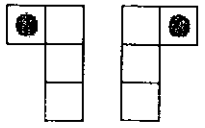
3)



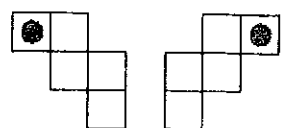
4)



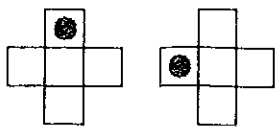
5)



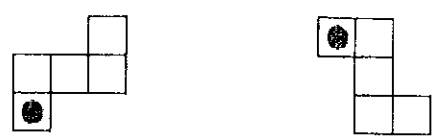
6)



7)



8)

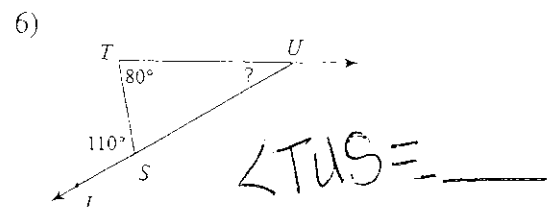
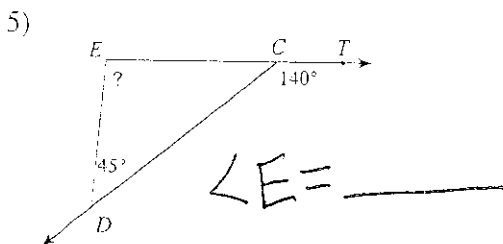
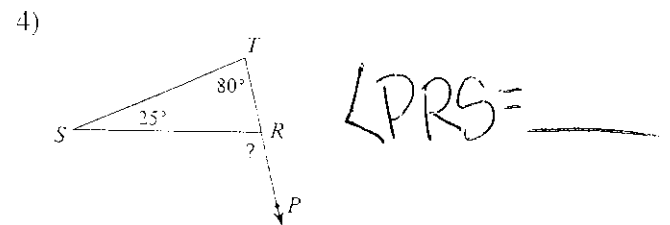
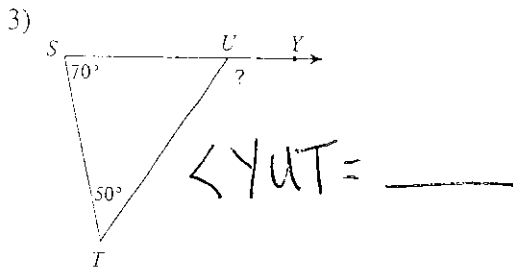
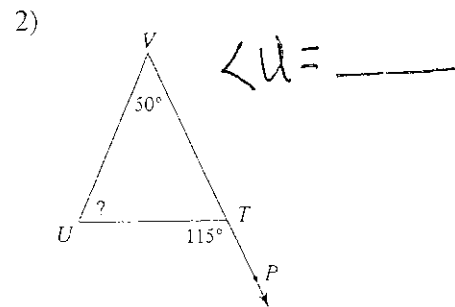
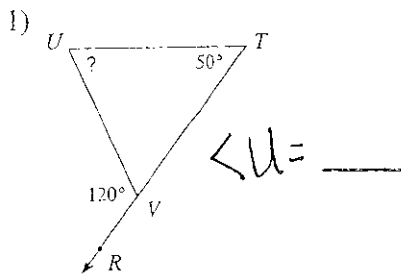


May 5: Geometry

Name _____

* Remember that a Δ has 180° and a straight line is equal to 180° .

Find the measure of each angle indicated.

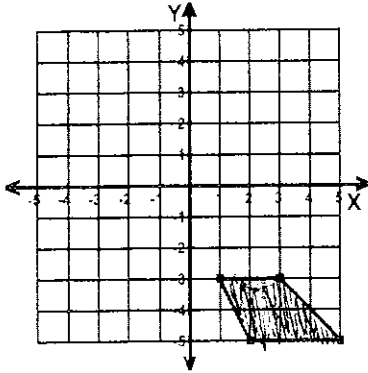


May 6: Geometry

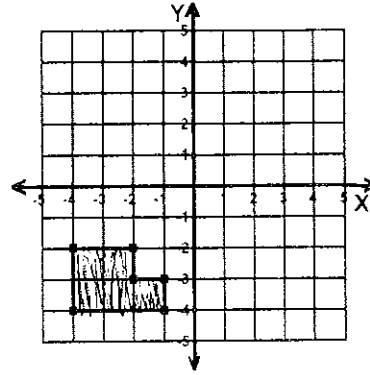
Name _____

Color the translated polygon with a pen or pencil.
Translations

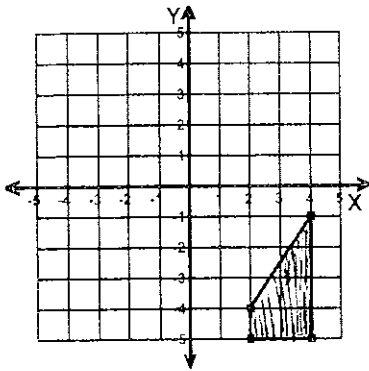
1) Translation: 3 left and 5 up



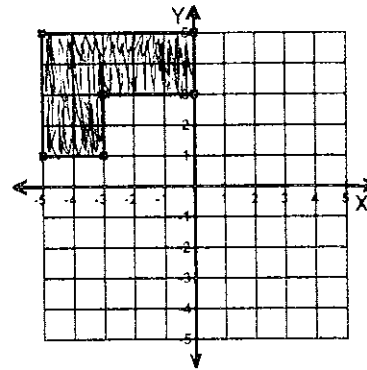
2) Translation: 5 right and 4 up



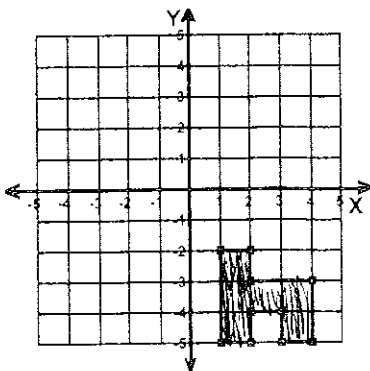
3) Translation: 4 left and 5 up



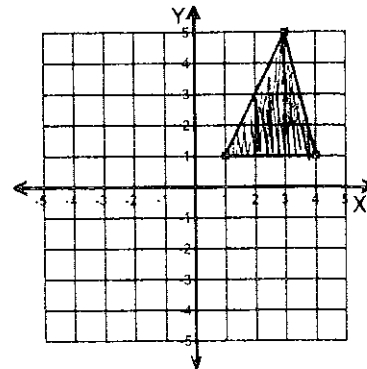
4) Translation: 4 down



5) Translation: 2 left and 4 up



6) Translation: 5 left and 3 down



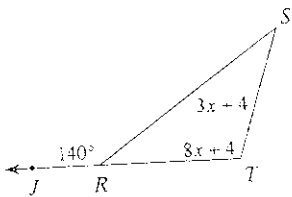
May 7: Geometry

Name _____

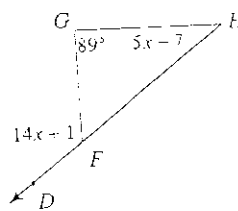
Remember that a Δ has 180° and a straight line is equal to 180° .

Find the measure of the angle indicated.

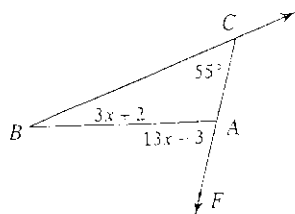
15) Find $m\angle S$.



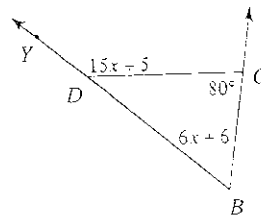
16) Find $m\angle H$.



17) Find $m\angle FAB$.



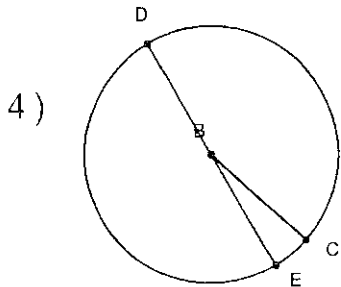
18) Find $m\angle YDC$.



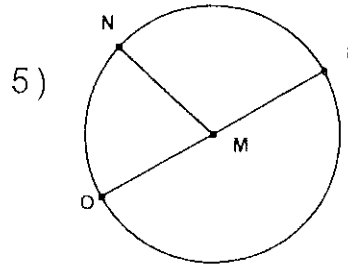
May 8: Geometry

Name _____

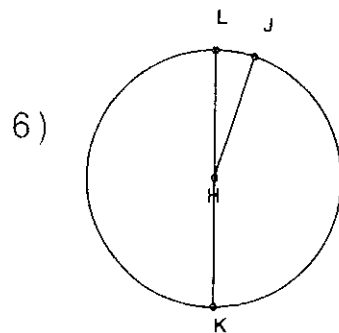
Find the missing information.
Use 3.14 for π .



Radius: _____
Diameter: 14 inches
Circumference: _____
Area: _____



Radius: _____
Diameter: 4 inches
Circumference: _____
Area: _____



Radius: _____
Diameter: 36 inches
Circumference: _____
Area: _____