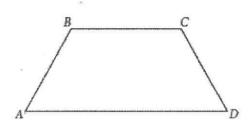
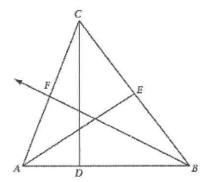
Name:	Period:	Date:
Cumulative Review Worksheet		
Rewrite the conditional statement in if-then form.		
1. I will go to the game if I get all of my homework done.		
2. A student on the high honor roll has at least a 90 average.		
Write the converse, inverse and biconditional of each statement.		
6. If you like surfing, then you like to be at the beach.		
of it you like surring, then you like to be at the seating		
7. If and Division dominate Division		
7. If angle P is 109 degrees, then angle P is obtuse		
Rewrite the biconditional statement as a conditional statement and its	converse. Then d	lecide if the biconditional is true or
false.		
8. An angle is acute if and only if it measures less than 90 degrees.		
9. Three points are collinear if and only if they lie on the same line.		
10. Mark the figure to indicate the following information.		

a) $\overline{AB} \cong \overline{BC}$, $\overline{BC} \parallel \overline{AD}$, $\angle A \cong \angle D$



b) Point E is the midpoint of \overline{CB} , $\angle CDB$ is a right angle, and \overrightarrow{BF} is an angle bisector.



11. On a separate piece of paper, write algebraic proofs for the following equations.

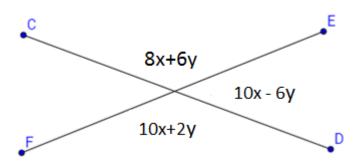
17.
$$\frac{1}{2}(4x + 10) = 5 - 3x$$

18.
$$\frac{1}{3}x + 1 = -\frac{1}{3}x - 8$$

20.
$$\frac{1}{4}x + 2 = 3 - \frac{3}{4}x$$

20.
$$\frac{1}{4}x + 2 = 3 - \frac{3}{4}x$$
 21. $5(2x - 2) = 4 - 2x$

12. Find the measure of each angle. (Hint: You must set up a system of two equations)



- 13. Brenda has just been hired as a plumber's assistant. Her first task is to open all the water valves to release the pressure on the lines. She notices that the first four valves open by turning counterclockwise. She conjectures that all water valves open by turning counterclockwise. Is this inductive or deductive reasoning?
- 14. Find the missing angles.

