

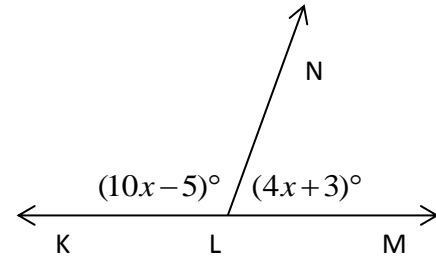
Review - Parallel Lines and Angles

Confident

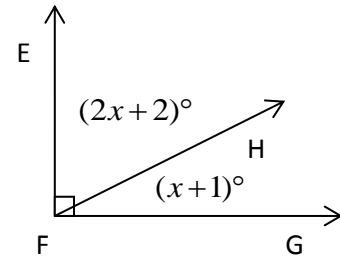
Need to Study

I can solve problems using the segment addition postulate and angle addition postulate.	4	3	2	1
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1. Given that $m\angle KLM = 180^\circ$, find $m\angle KLN$ and $m\angle NLM$.



2. Given that $m\angle EFG$ is a right angle, find $m\angle EFH$ and $m\angle HFG$.

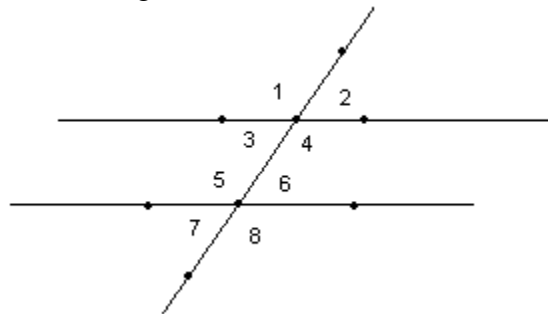


Confident

Need to Study

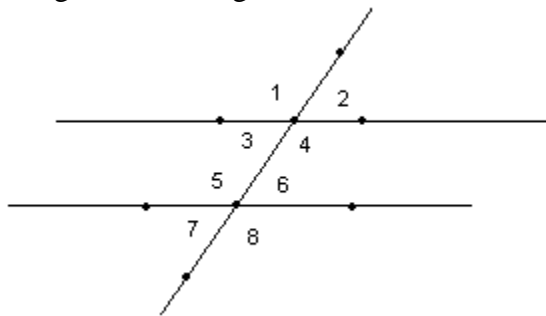
I can list angles that form straight angles from a diagram.	4	3	2	1
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3. List 2 pairs of straight angles in the diagram below.



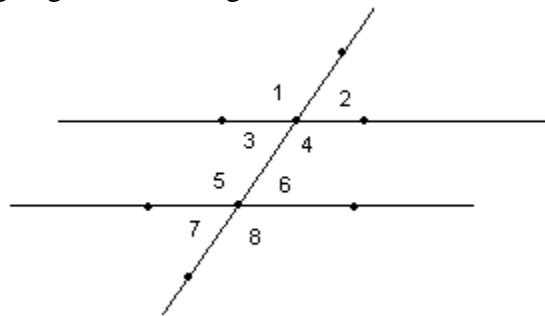
	Confident			Need to Study	
I can list pairs of vertical angles from a diagram.	4	3	2	1	

4. List all of the pairs of vertical angles in the diagram below.



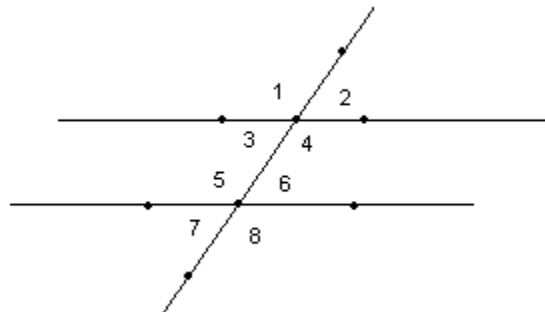
	Confident			Need to Study	
I can list pairs of corresponding angles from a diagram.	4	3	2	1	

5. List all of the pairs of corresponding angles in the diagram below.



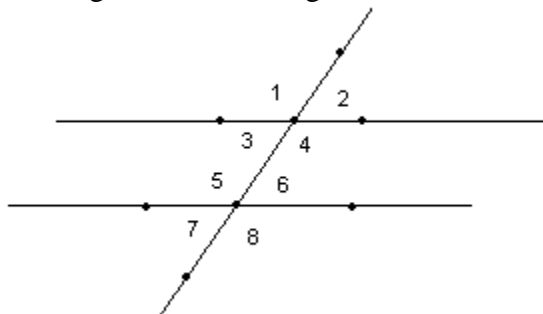
	Confident			Need to Study	
I can list pairs of alternate interior angles from a diagram.	4	3	2	1	

6. List all of the pairs of alternate interior angles from the diagram below.



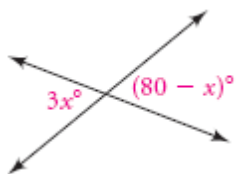
I can list pairs of same side interior angles from a diagram.	Confident			Need to Study
	4	3	2	1

7. List all of the pairs of same side interior angles from the diagram below.

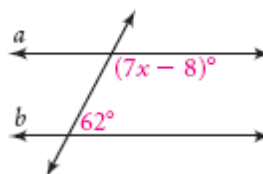


I can solve problems using angles in a diagram.	Confident			Need to Study
	4	3	2	1

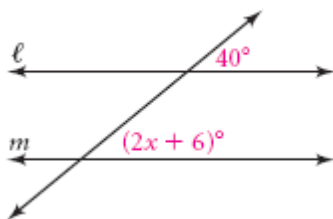
8. Find the value of x .



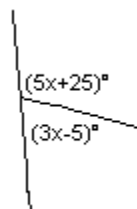
9. Find the value of x .



10. Find the value of x .



11. Find the value of x .



I can use angle relationships to tell if lines are parallel.	Confident		Need to Study	
	4	3	2	1

For #'s 12-14

A) Circle parallel or not parallel for lines m and n based upon the angle measures given.

B) What angle relationship justifies your answer?

12. $m \angle 1 = 35^\circ$ and $m \angle 3 = 145^\circ$

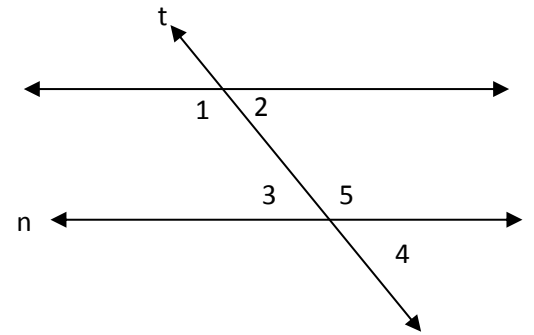
Parallel not parallel Angle Relationship _____

13. $m \angle 2 = 120^\circ$ and $m \angle 4 = 60^\circ$

Parallel not parallel Angle Relationship _____

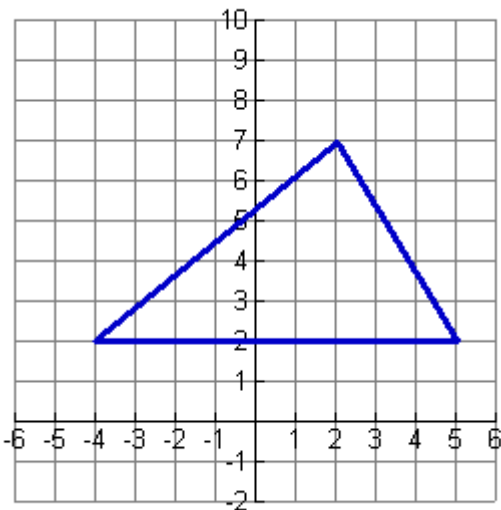
14. $m \angle 2 = 115^\circ$ and $m \angle 3 = 115^\circ$

Parallel not parallel Angle Relationship _____



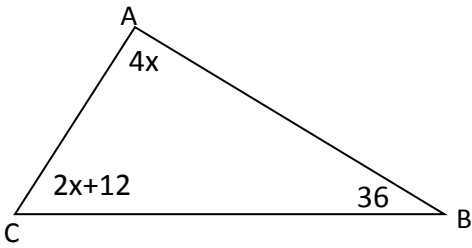
I can use a coordinate plane to find information about figures.	Confident		Need to Study	
	4	3	2	1

15. Find the perimeter and the area. Show all work!



	Confident			Need to Study	
I can find missing angle measures in a triangle.	4	3	2	1	

16. Solve for x and then find the missing angle measurements.



	Confident			Need to Study	
I can solve a system of equations.	4	3	2	1	

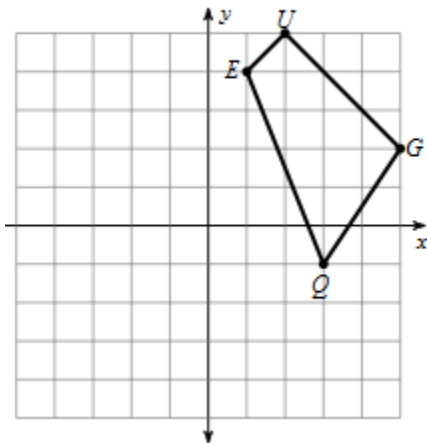
17. Solve the system of equations below. Show all work!

$$y = 3x + 7$$

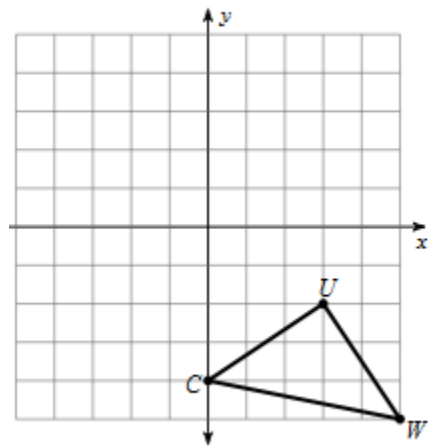
$$4x + 5y = -18$$

	Confident			Need to Study	
I can perform transformations on a coordinate grid.	4	3	2	1	

18. rotation 180° about the origin

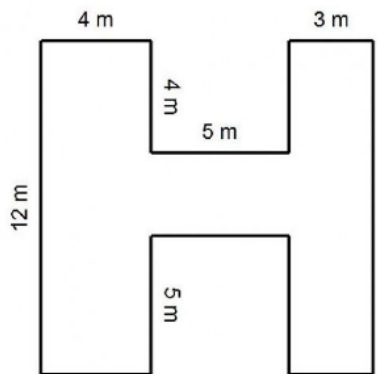


19. reflection across $x=2$

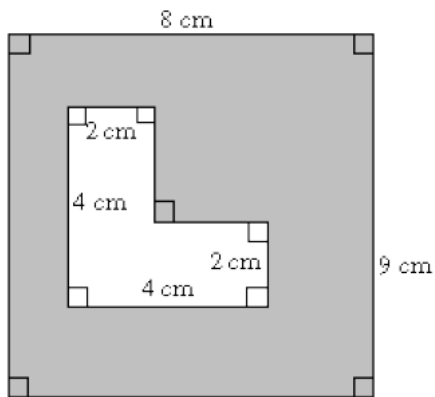


I can find the area of a composite shape	Confident			Need to Study	
	4	3	2	1	

20.



21. Find the area of the shaded region.

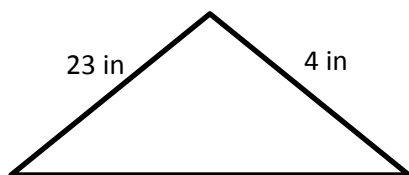


I can determine if a triangle is possible given 2 sides	Confident			Need to Study	
	4	3	2	1	

22. Are these three sides possible to form a triangle? How do you know?

10, 29, 18

23. What are the possible lengths (minimum/maximum) of the 3rd side of the triangle given below? Picture is not to scale.

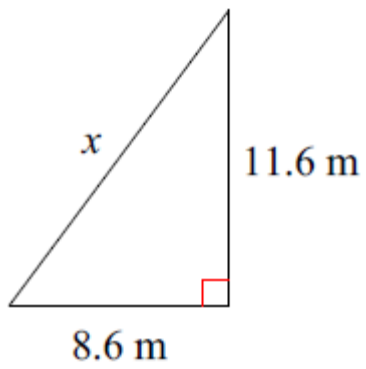


Confident

Need to Study

I can find the lengths of the sides of a right triangle (Pythagorean Theorem)	4	3	2	1
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24.



25.

