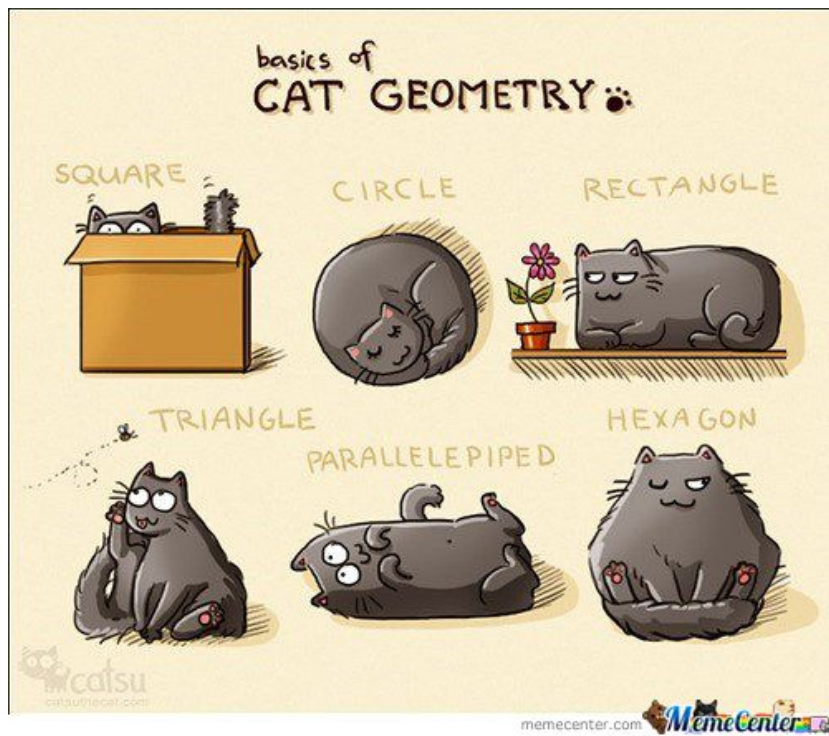


NAME _____

FOM 3

Unit 7: Geometry



Date	Topic	Homework
December 6	<ul style="list-style-type: none"> • Definitions and notation 	worksheet 7.1
December 7	<ul style="list-style-type: none"> • Surface area 	worksheet 7.2
December 8	<ul style="list-style-type: none"> • Volume 	worksheet 7.3
December 11	<ul style="list-style-type: none"> • Hour of Code 	
December 12	<ul style="list-style-type: none"> • Quiz!! • Triangle congruence theorems 	worksheet 7.4
December 13	<ul style="list-style-type: none"> • Angles formed by parallel lines and transversals 	worksheet 7.5
December 14	<ul style="list-style-type: none"> • Parallelograms 	worksheet 7.6
December 15	<ul style="list-style-type: none"> • Absolute value functions • Piecewise functions 	worksheet 7.7
December 18	<ul style="list-style-type: none"> • Review for test 	Geometry Review
December 19	<ul style="list-style-type: none"> • Test!! 	

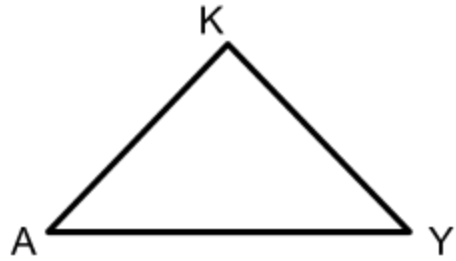
7.1 - Definitions and Notation

Identify the figure (i.e line, segment, angle). Then, name the figure using the given points.

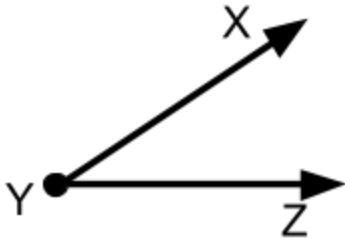
1. Figure: _____ Name: _____



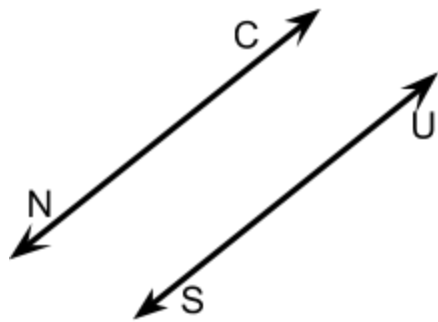
2. Figure: _____ Name: _____



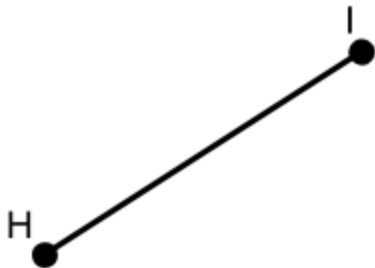
3. Figure: _____ Name: _____



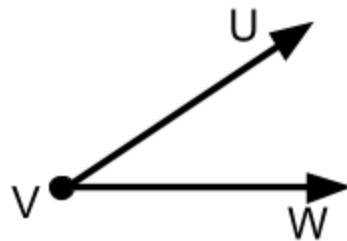
4. Figure: _____ Name: _____



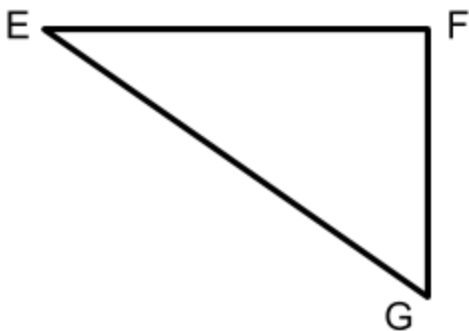
5. Figure: _____ Name: _____



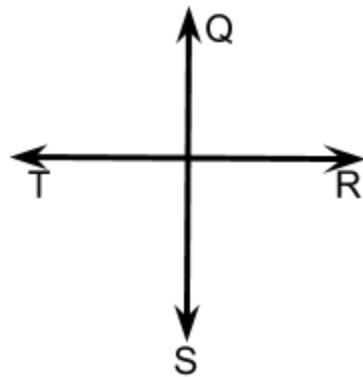
6. Figure: _____ Name: _____



7. Figure: _____ Name: _____

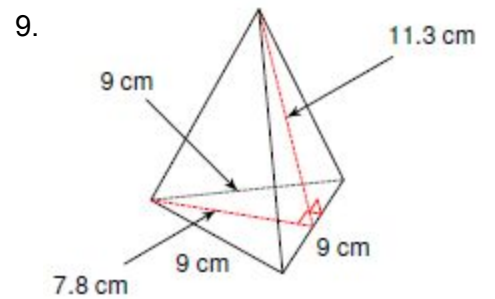
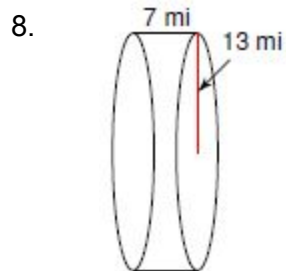
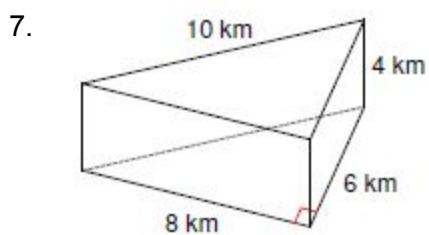
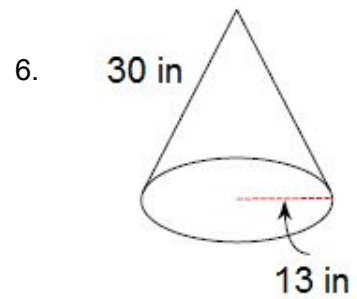
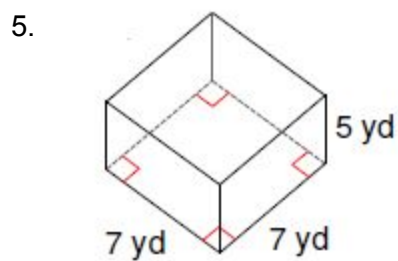
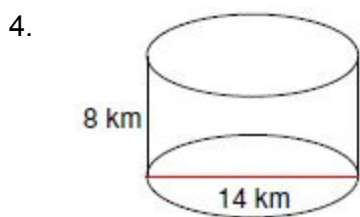
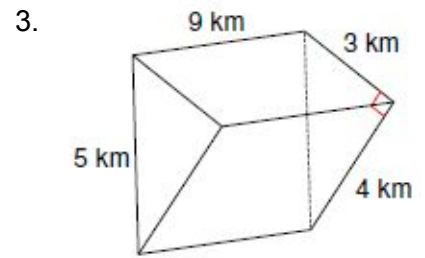
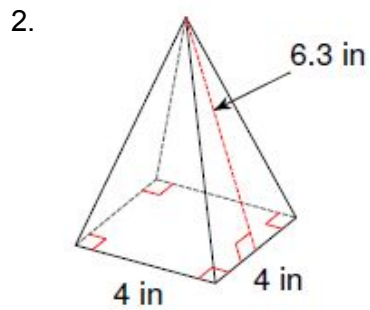
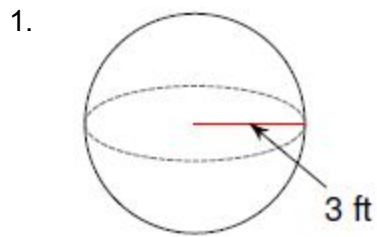


8. Figure: _____ Name: _____



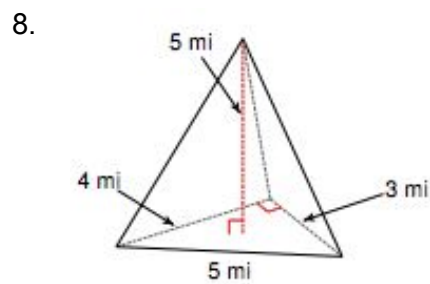
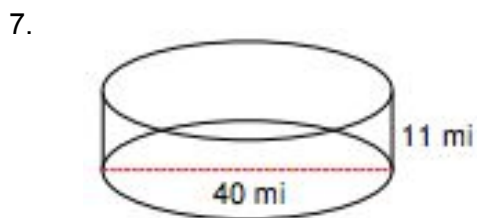
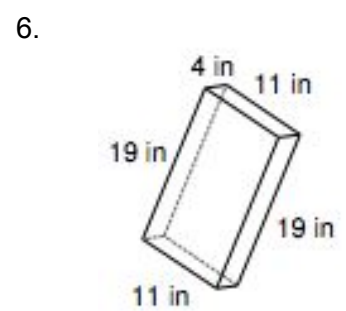
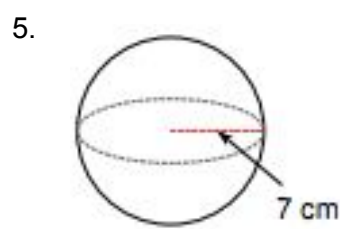
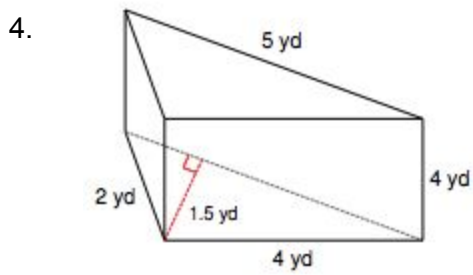
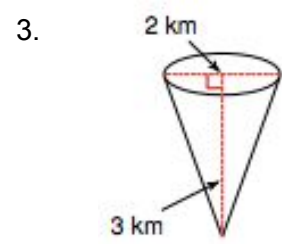
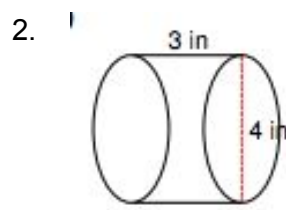
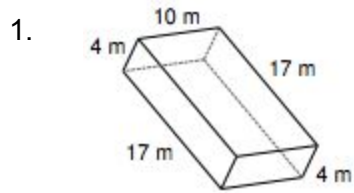
7.2 - Surface Area

Determine the surface area of each figure.



7.3 - Volume

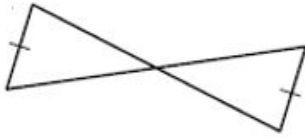
Determine the volume of each figure.



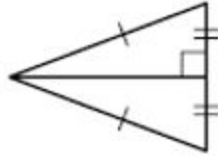
7.4 - Triangle Congruence Theorems

Determine which theorem can be used to prove that the triangles are congruent. If it is not possible to prove that they are congruent, write not possible.

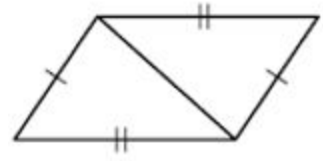
1. _____



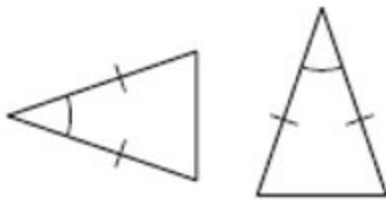
2. _____



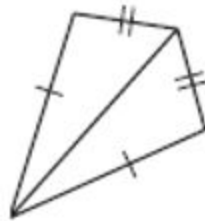
3. _____



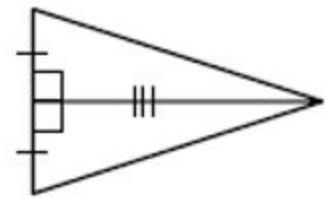
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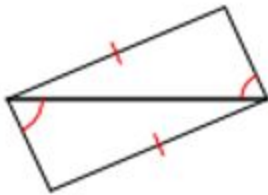
5. _____



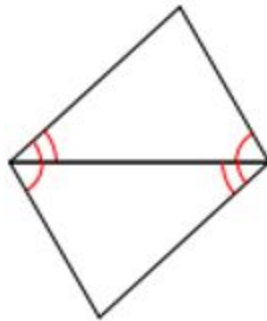
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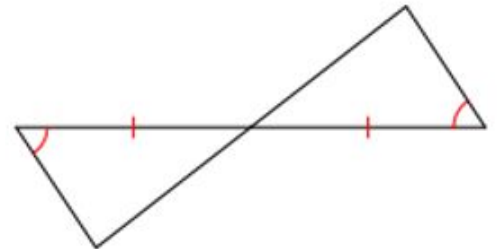
7. _____



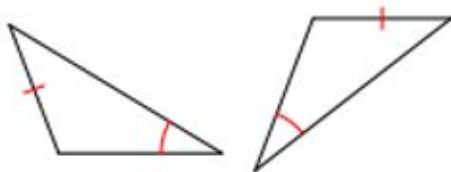
8. _____



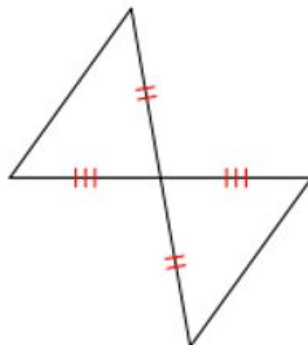
9. _____



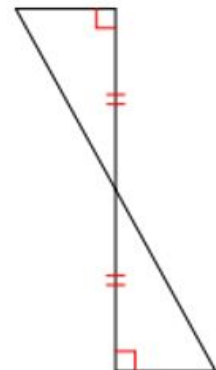
10. _____



11. _____



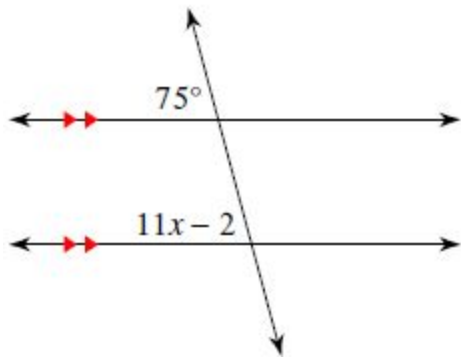
12. _____



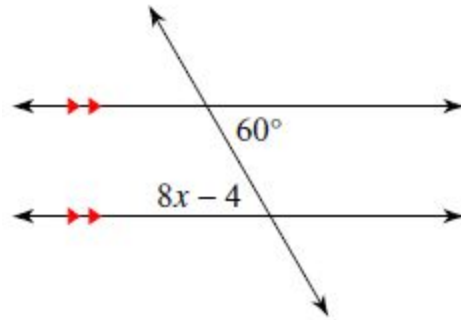
7.5 - Angles Formed By Parallel Lines and Transversals

Solve for x .

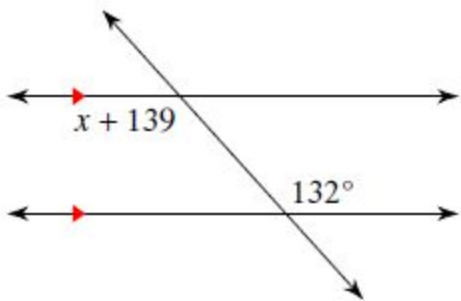
1.



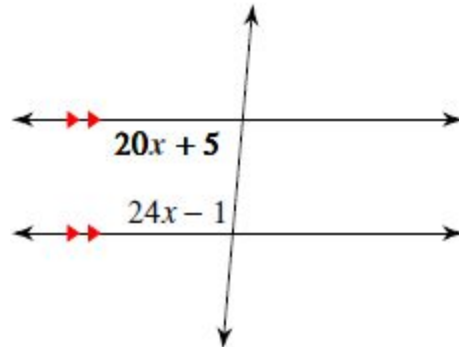
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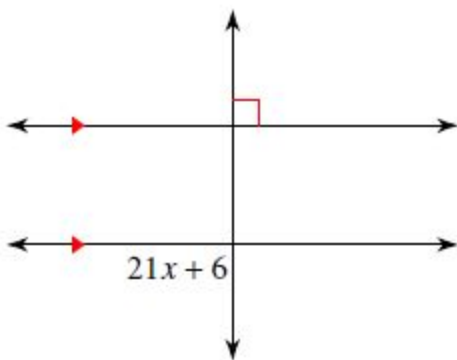
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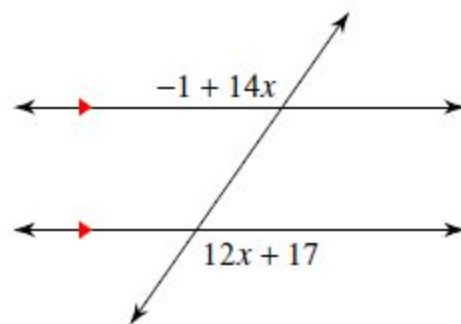
4.



5.

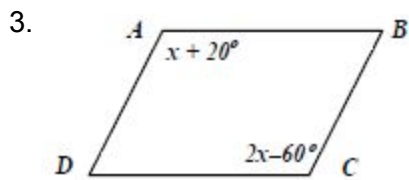
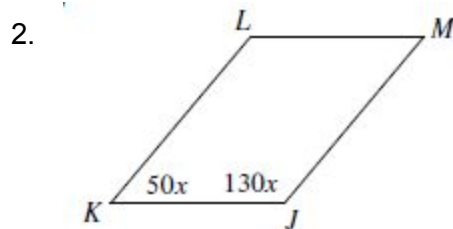
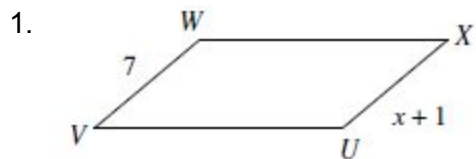


6.

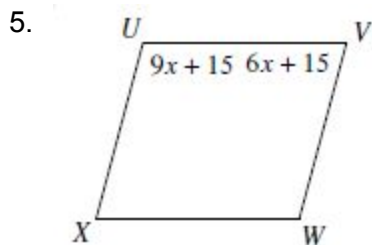
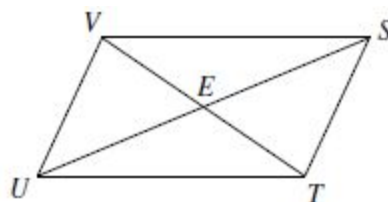


7.6 - Parallelograms

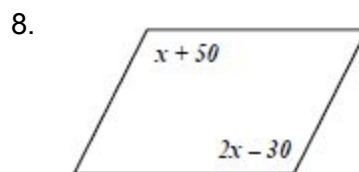
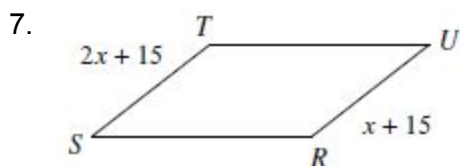
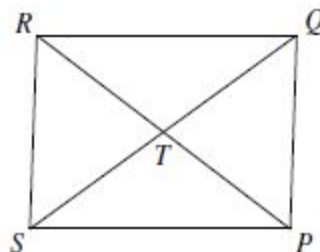
Solve for x .



4. $TE = 4 + 2x$ and $EV = 4x - 4$



6. $RP = 48$ and $RT = 3x - 5$



7.7 - Absolute Value Equations

Solve for x.

1. $|x - 4| = 3$

2. $|7x + 5| + 8 = 15$

3. $4|x - 2| + 16 = 16$

4. $|x - 5| = -3$

5. $|2x + 7| + 4 = 8$

6. $|3x + 5| = 17$

7. $2|x + 4| + 10 = 6$

8. $\left|\frac{7}{3}x + 6\right| + 4 = 8$