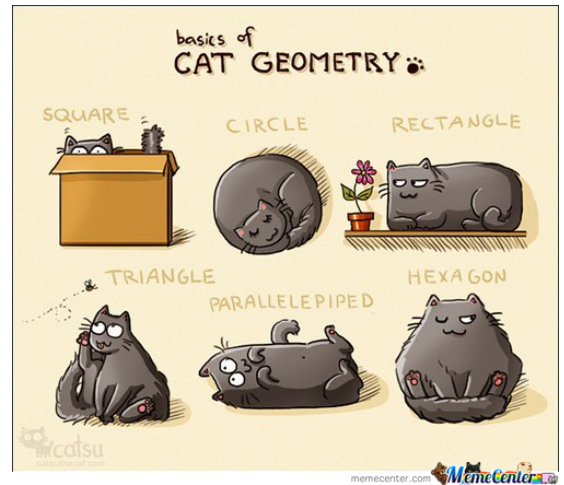


Name _____

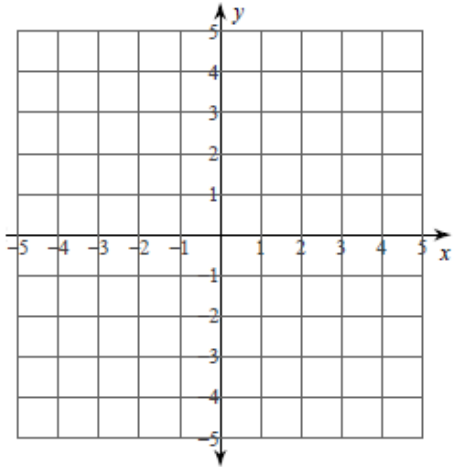
FOM 3 Unit 8: Geometry



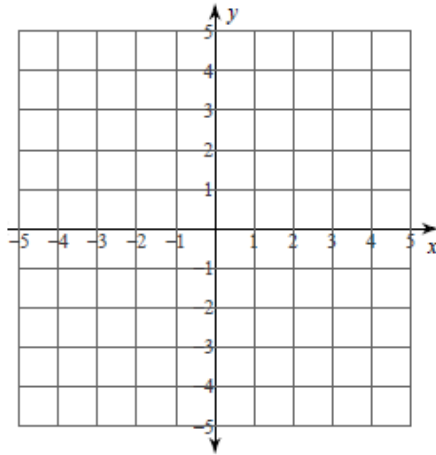
Monday	Tuesday	Wednesday	Thursday	Friday
				December 7 <ul style="list-style-type: none"> Solve systems by graphing HW: worksheet 8.1
December 10 <ul style="list-style-type: none"> Surface area HW: worksheet 8.2	December 11 <ul style="list-style-type: none"> Volume HW: worksheet 8.3	December 12 <ul style="list-style-type: none"> Angles formed by parallel lines and transversals HW: worksheet 8.4	December 13 <ul style="list-style-type: none"> QUIZ!! Triangle congruence theorems HW: worksheet 8.5	December 14 <ul style="list-style-type: none"> Triangle congruence proofs HW: worksheet 8.6
December 17 <ul style="list-style-type: none"> Properties of parallelograms HW: worksheet 8.7	December 18 <ul style="list-style-type: none"> Review HW: finish review	December 19 <ul style="list-style-type: none"> TEST!! 		

8.1 - Solve Systems of Equations by Graphing

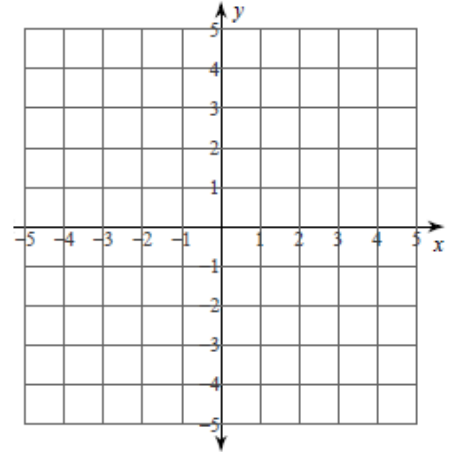
1. $y = -\frac{5}{3}x + 3$
 $y = \frac{1}{3}x - 3$



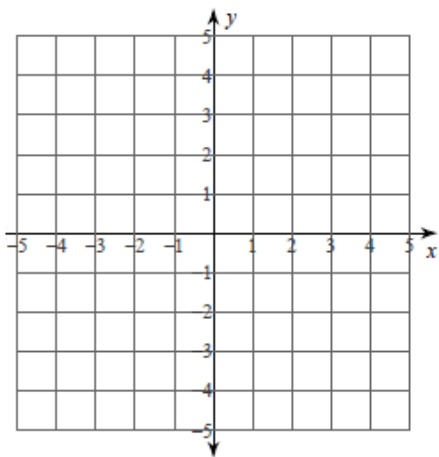
2. $y = -1$
 $y = -\frac{5}{2}x + 4$



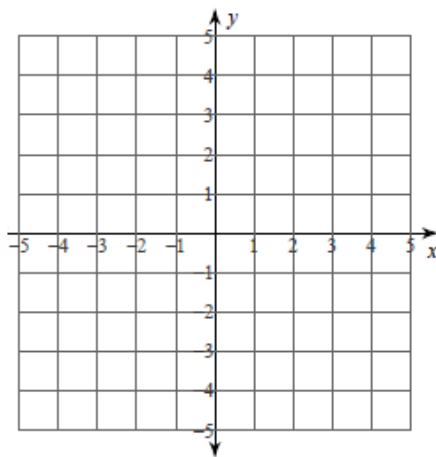
3. $y = -2x + 2$
 $y = -2x - 2$



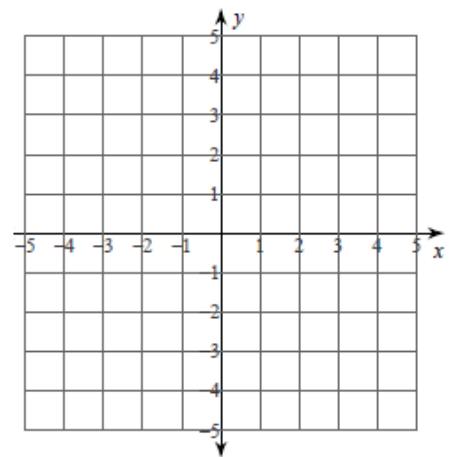
4. $x - y = 3$
 $7x - y = -3$



5. $2x + y = 1$
 $x - 2y = 8$

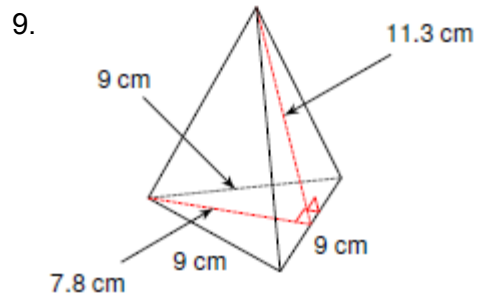
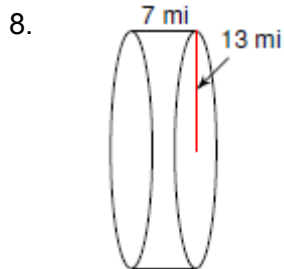
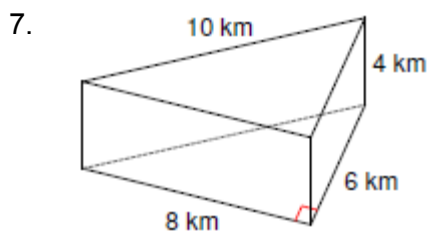
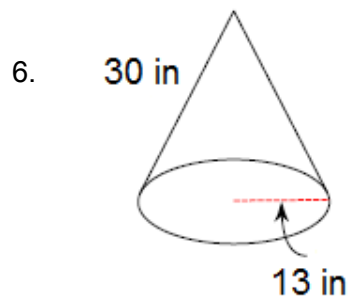
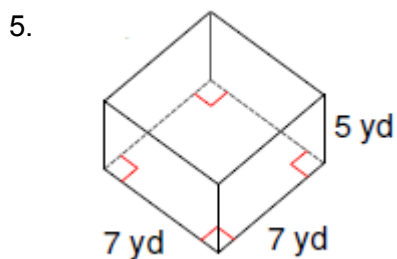
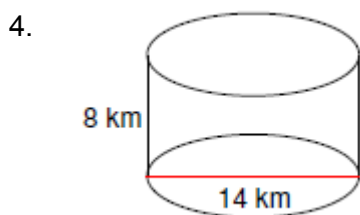
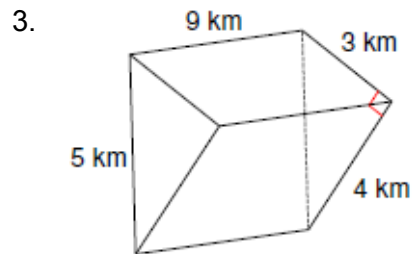
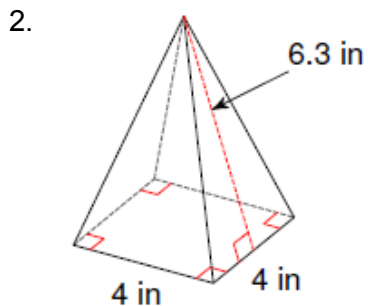
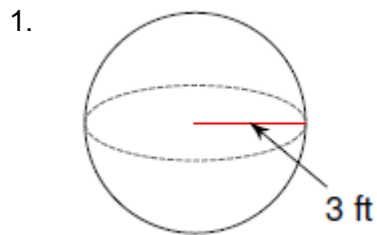


6. $12x + 3y = 6$
 $x - y = 3$



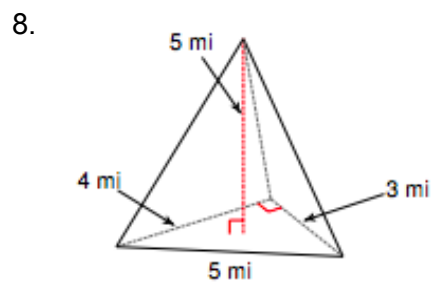
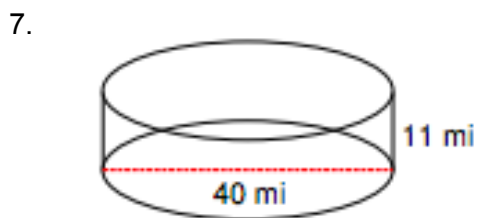
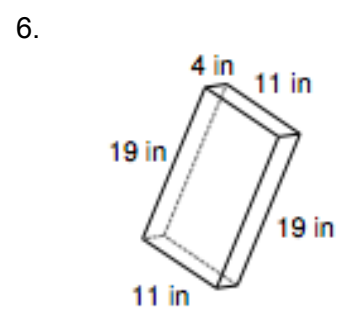
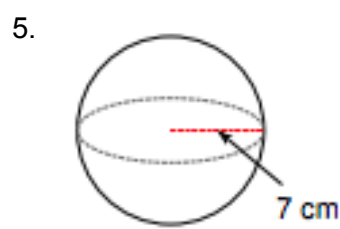
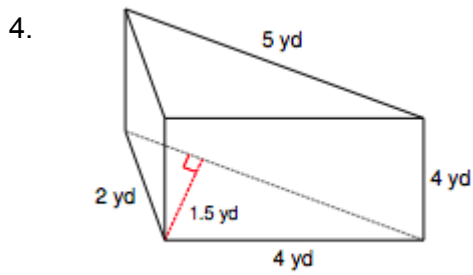
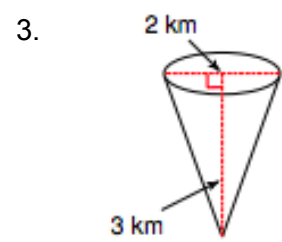
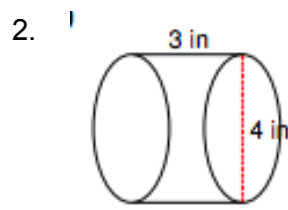
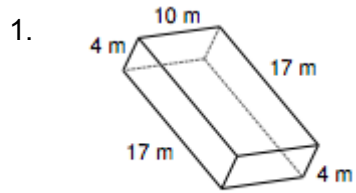
8.2 - Surface Area

Determine the surface area of each figure.



8.3 - Volume

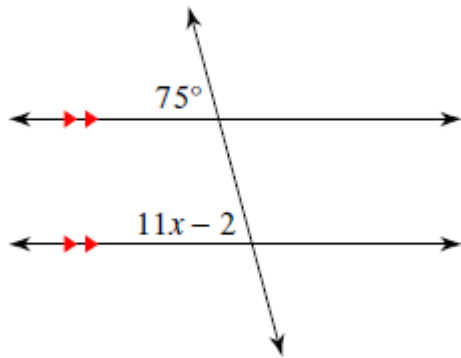
Determine the volume of each figure.



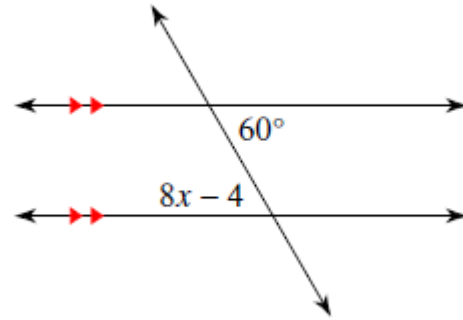
8.4 - Angles Formed By Parallel Lines and Transversals

Solve for x .

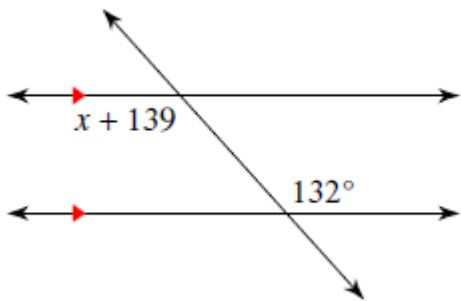
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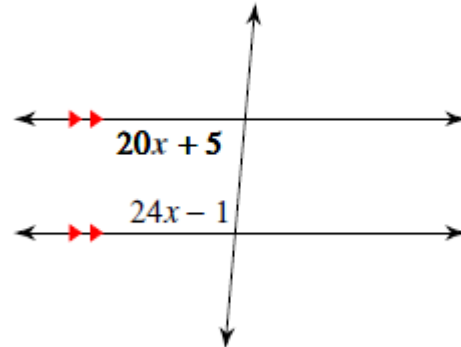
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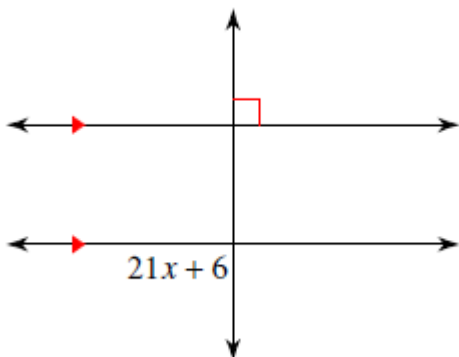
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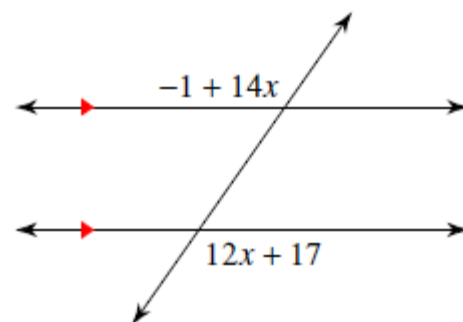
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5.



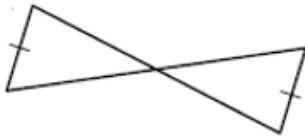
6.



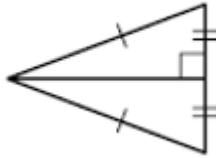
8.5 - Triangle Congruence Theorems

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.

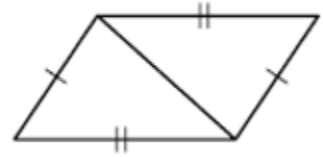
1. _____



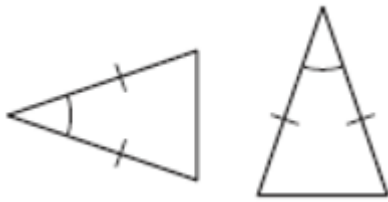
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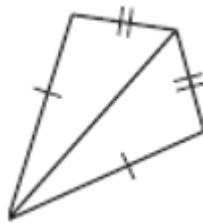
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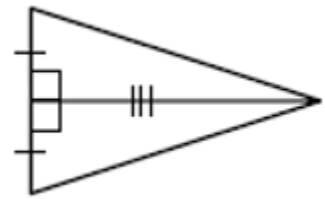
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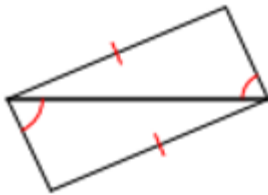
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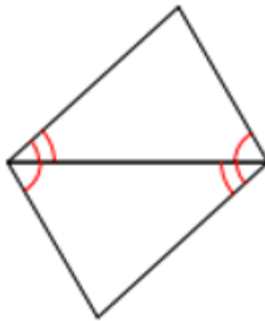
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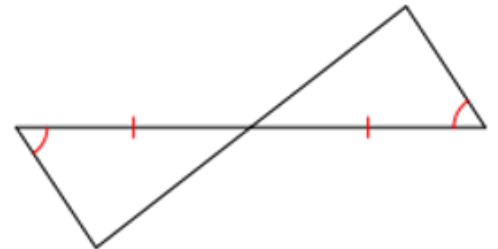
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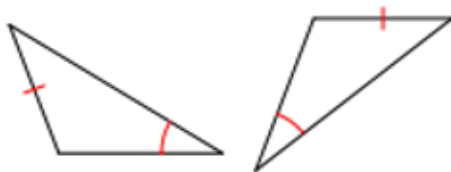
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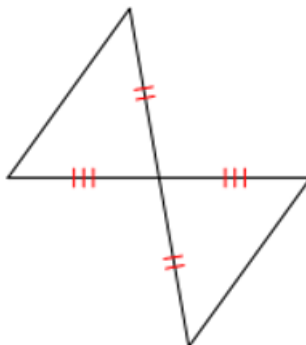
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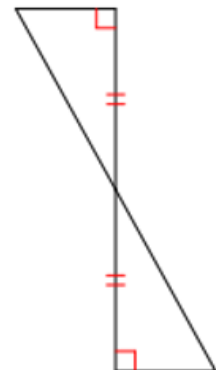
10. _____



11. _____

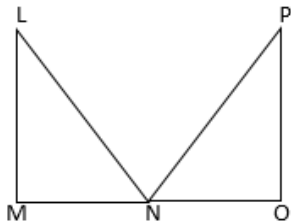


12. _____

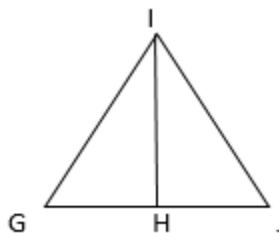


8.6 - Triangle Congruence Proofs

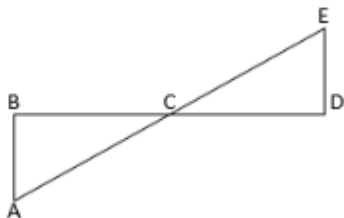
1. Given: $LM \cong PO$, $LN \cong PN$, $\angle M$ and $\angle O$ are 90°
Prove: $\triangle LMN \cong \triangle PON$



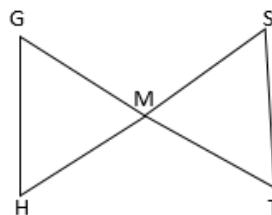
2. Given: H is the midpoint of GJ, $GI \cong IJ$
Prove: $\triangle GHI \cong \triangle JHI$



3. Given: $\angle B$ and $\angle D$ are 90° , AE bisects BD
Prove: $\triangle ABC \cong \triangle EDC$

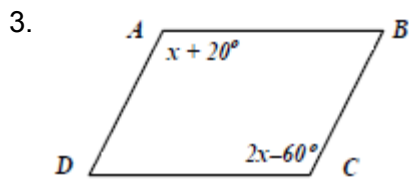
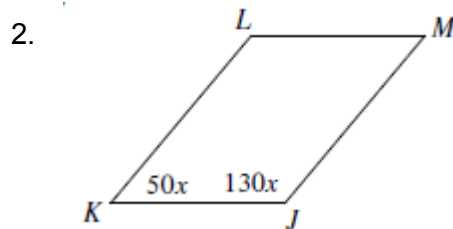
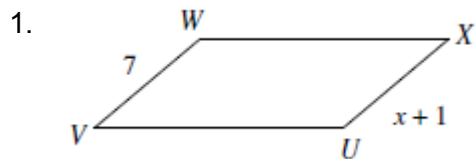


4. Given: M is the midpoint of GT,
 $\angle H \cong \angle S$
Prove: $\triangle GMH \cong \triangle TMS$

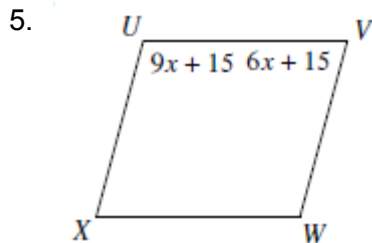
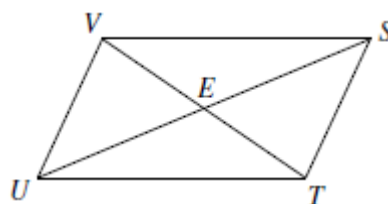


8.7 - Parallelograms

Solve for x .



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



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

