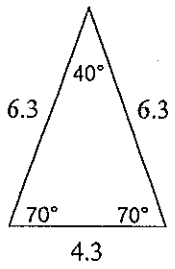
CCSS Geometry Name_____ ID: 1

G5 C Level Test Review

Date_____ Period____

Classify each triangle by its angles and sides.

1)



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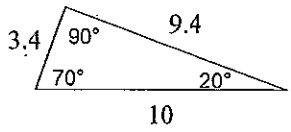

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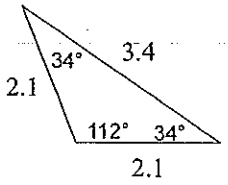

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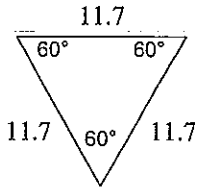
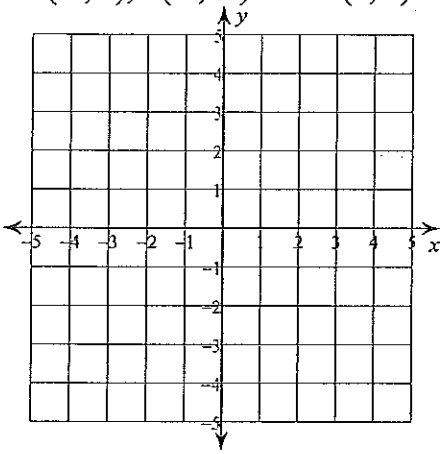
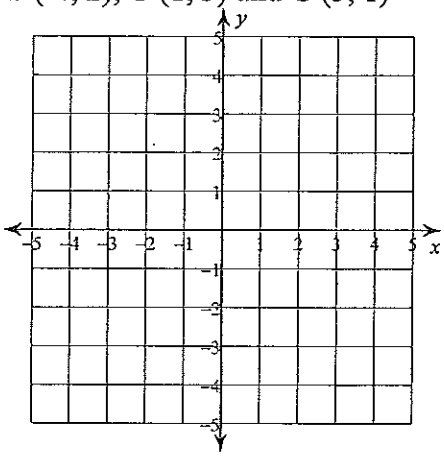


Plot and connect each point. Then state what kind of triangle it is and justify your conclusion.

5) W (-2, 2), I (-2, -3) and N (3,-3)

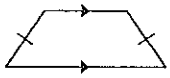


6) P (-4, 2), U (1, 3) and G (3, 1)



State the most specific name for each figure.

7)



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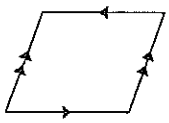

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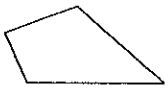

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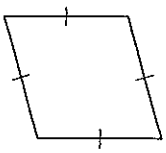

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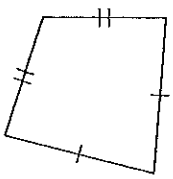

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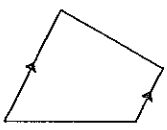
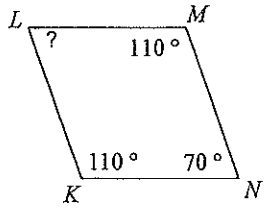


Find the measure of each angle indicated.

13)



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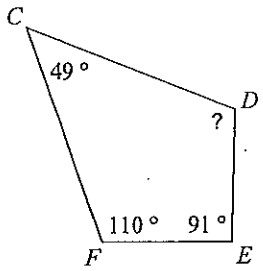
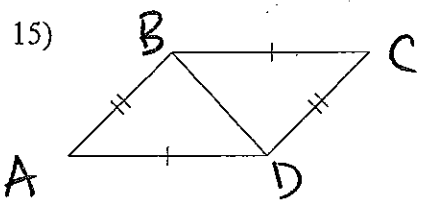


Make a flow chart or two-column proof to prove the triangles are congruent.

15)



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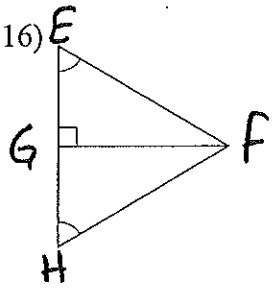

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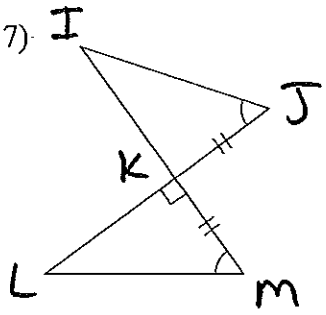

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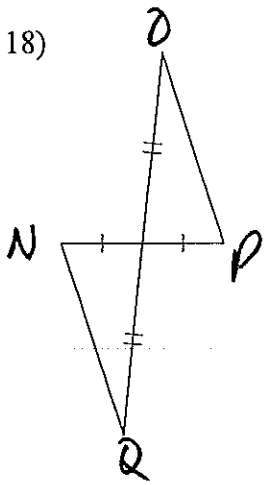


CCSS Geometry

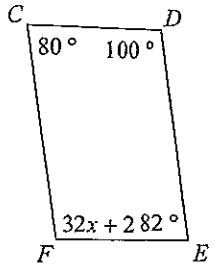
Name_____ ID: 1

G5: B Level Test Review

Date_____ Period____

e for x.

1)



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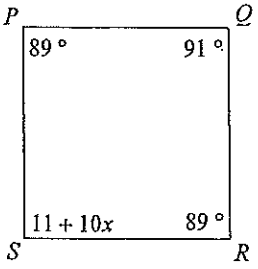
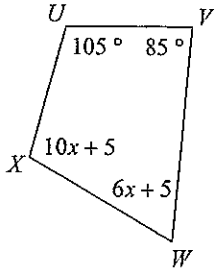
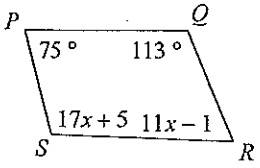


Find the measure of each angle indicated.

3) $m\angle X$

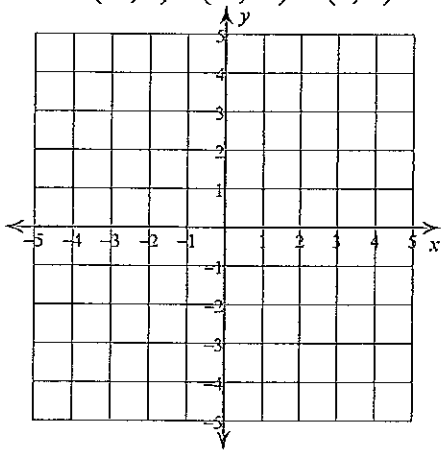


4) $m\angle R$

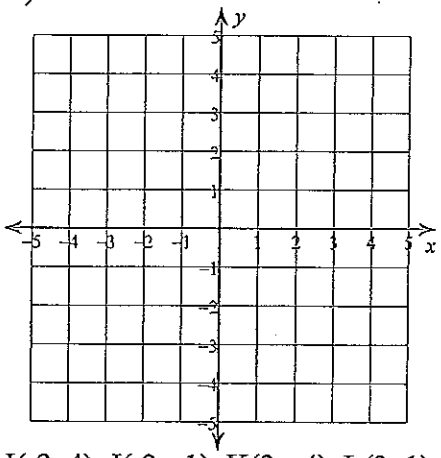


Plot and connect the points. Then state what type of quadrilateral it is and how you know.

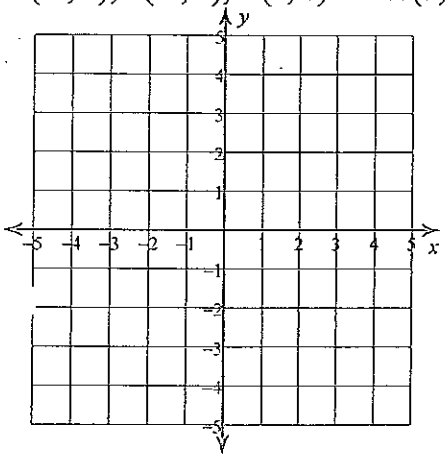
5) 'ot A(-2, 2) B(-1, -1) C (2, 0) and D (1, 3)



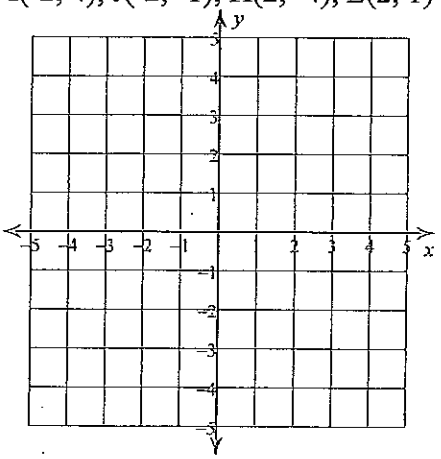
6) Plot points W(-2, 1) X(2, 2) Y(4, 1) & Z (2, 0)



7) E(-3, 2), F(-1, 2), G(1, 0) and H(1, -3)



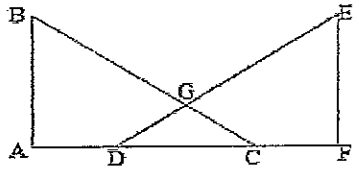
8) I(-2, 4), J(-2, -1), K(2, -4), L(2, 1)



Complete the following proofs using a flowchart or two-column proof.

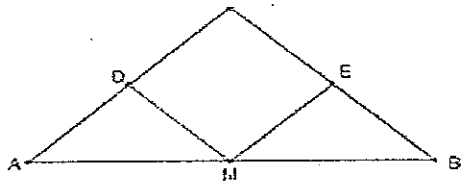
9. Given: $\overline{DG} \cong \overline{CG}$, $\overline{AD} \cong \overline{FC}$, $\overline{BC} \cong \overline{ED}$

Prove: $\angle B \cong \angle E$



10. Given: Isosceles triangle ABC with base $\overline{AB}$, M is the midpoint of AB, $\overline{AD} \cong \overline{BE}$

Prove: $\overline{DM} \cong \overline{ME}$



11. Given: $\odot Q$, $\overline{RP} \cong \overline{SP}$

Prove: $\overrightarrow{PQ}$ *bisects* $\angle RPS$