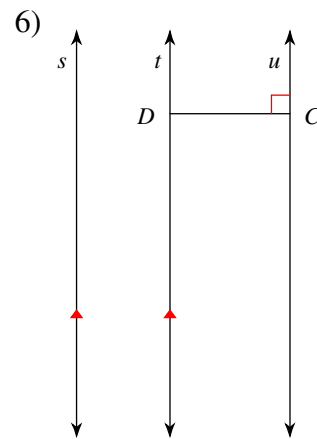
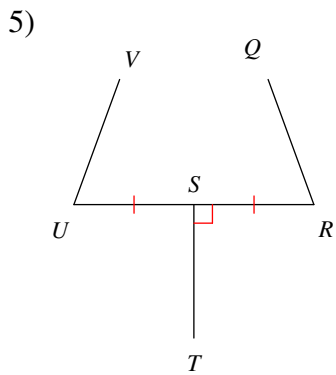
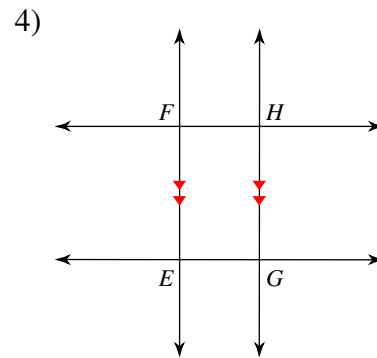
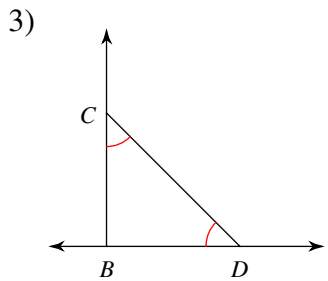
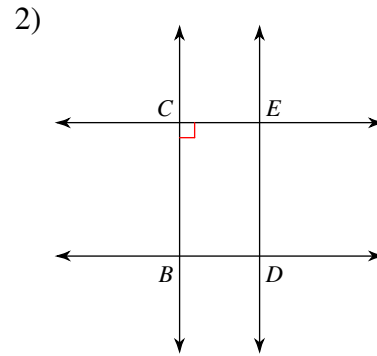
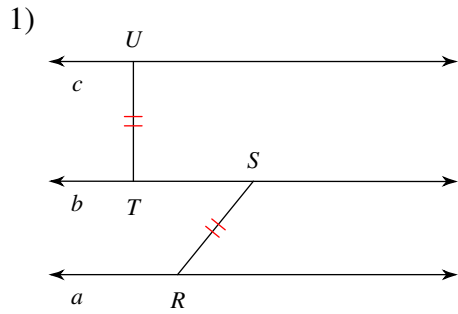
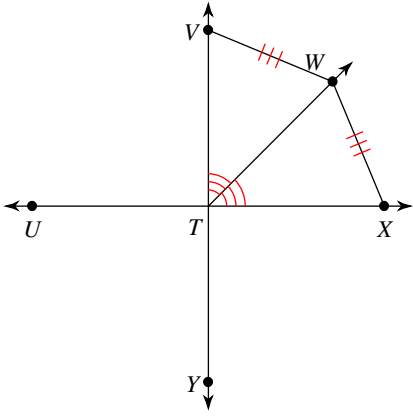


Information in Geometric Diagrams

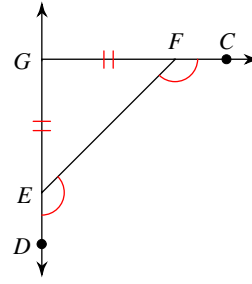
List all information given by the marks on the diagram.



7)

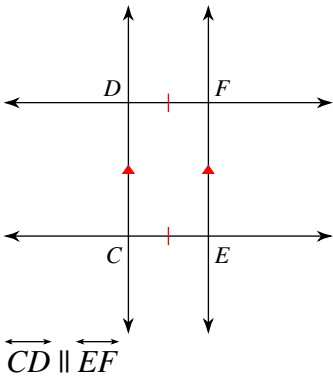


8)

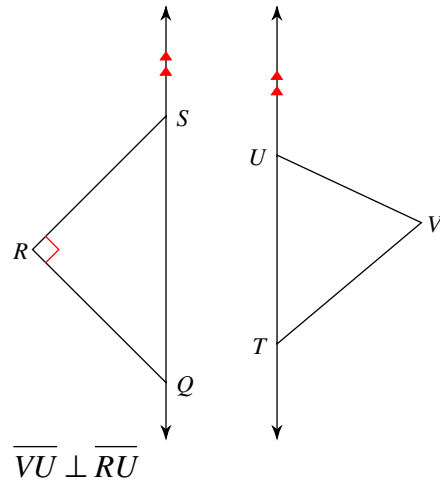


Write if the statement given is indicated by the marks on the diagram.

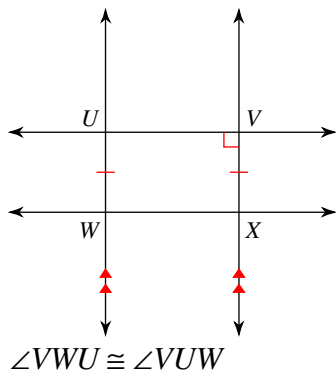
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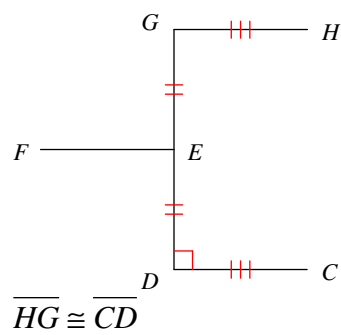
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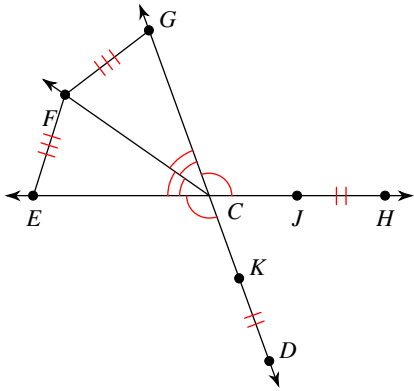
11)



12)

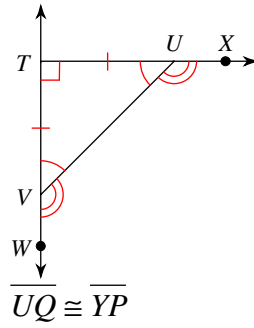


13)



$$\angle DCE \cong \angle HCG$$

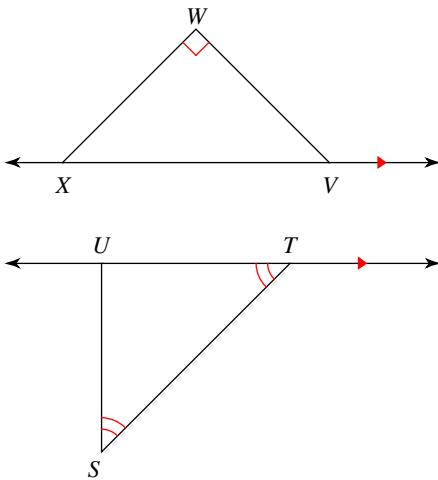
14)



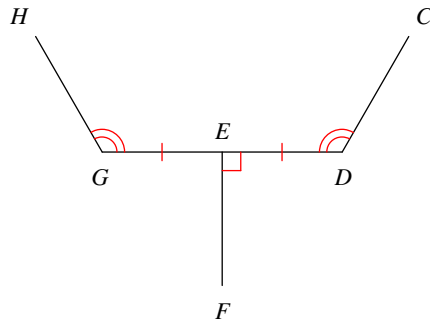
$$\overline{UQ} \cong \overline{YP}$$

List all information given by the marks on the diagram.

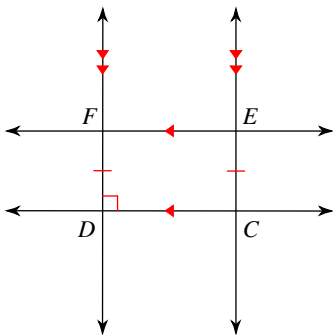
15)



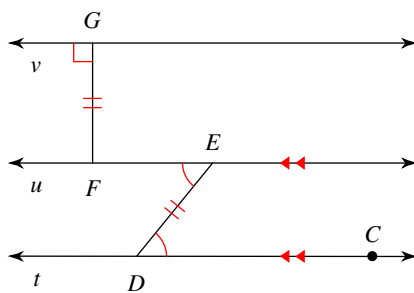
16)



17)



18)



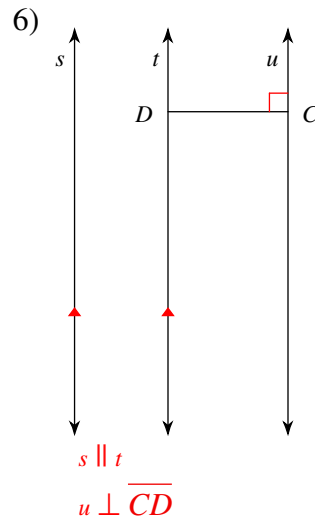
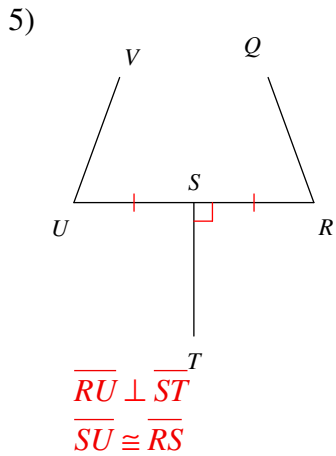
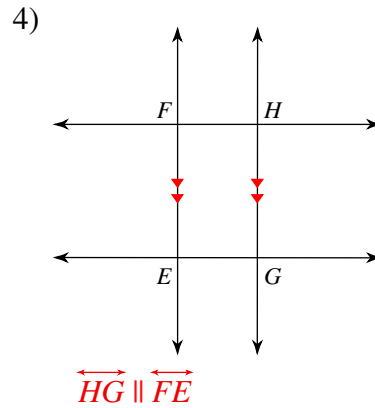
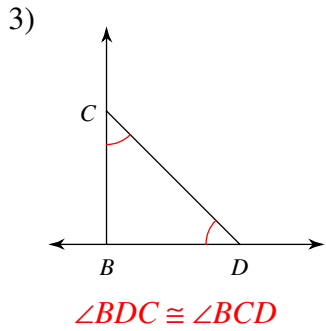
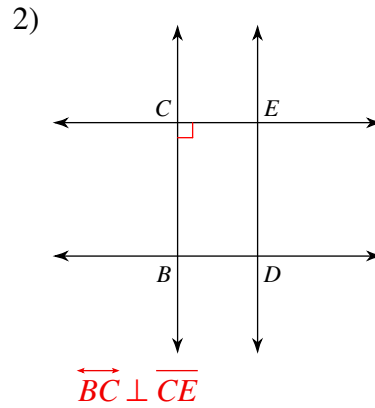
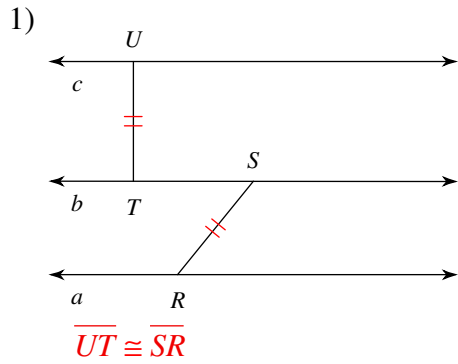
Critical thinking questions:

19) Draw and mark a diagram that contains two congruent line segments and three congruent angles.

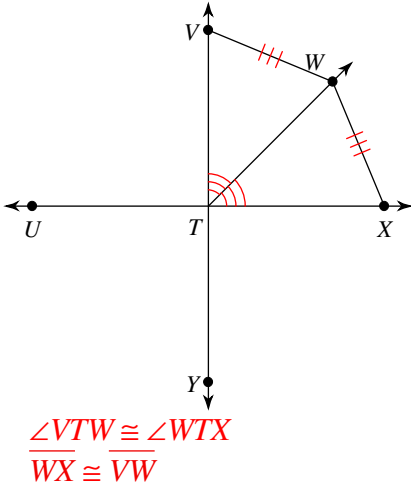
20) Draw and mark a diagram that has two perpendicular lines and four congruent line segments.

Information in Geometric Diagrams

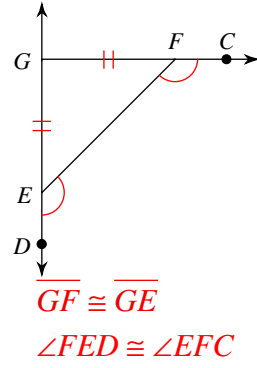
List all information given by the marks on the diagram.



7)

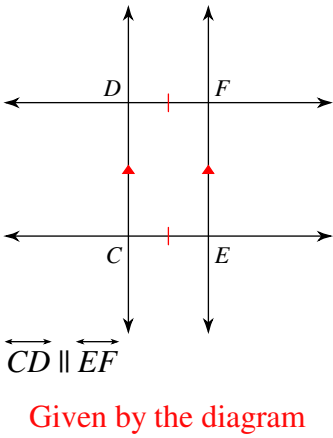


8)

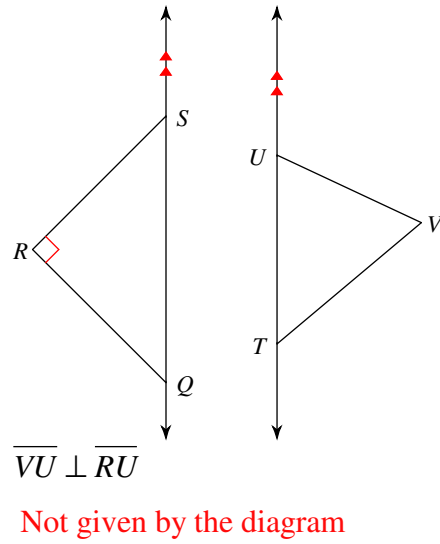


Write if the statement given is indicated by the marks on the diagram.

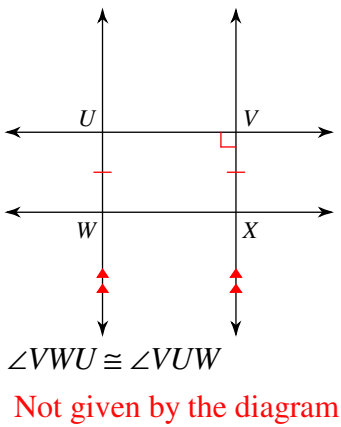
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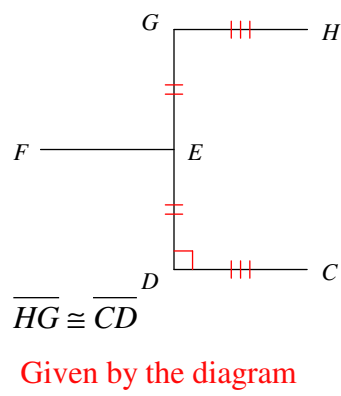
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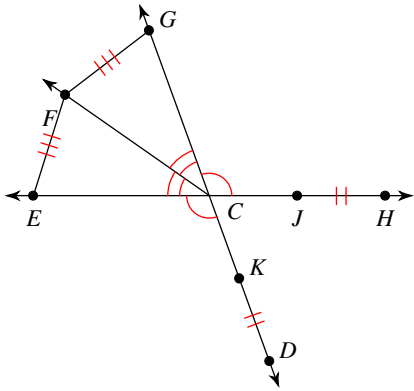
11)



12)



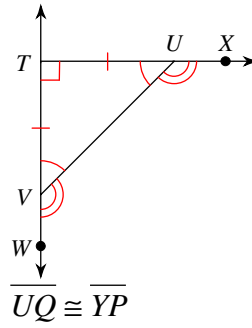
13)



$$\angle DCE \cong \angle HCG$$

Given by the diagram

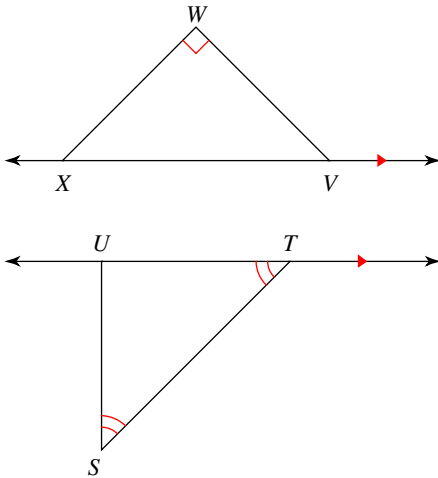
14)



Not given by the diagram

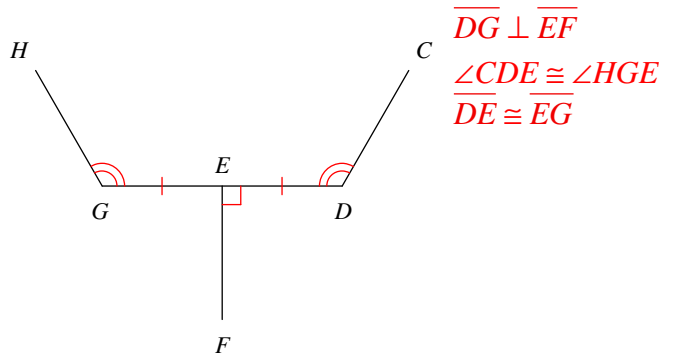
List all information given by the marks on the diagram.

15)



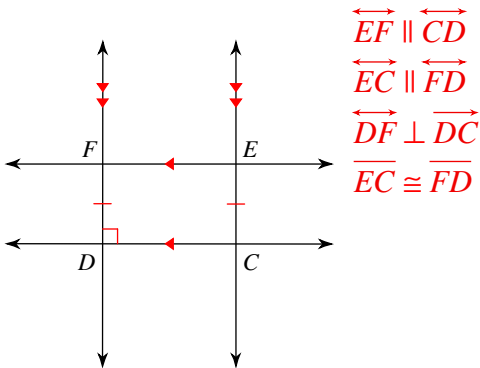
$$\begin{aligned} \overline{XW} &\perp \overline{WV} \\ \overline{UT} &\parallel \overline{XV} \\ \angle UTS &\cong \angle UST \end{aligned}$$

16)



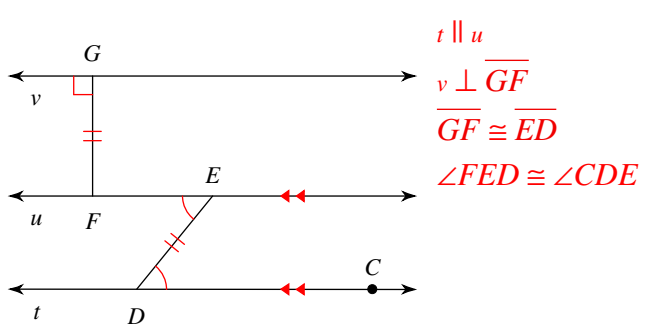
$$\begin{aligned} \overline{DG} &\perp \overline{EF} \\ \angle CDE &\cong \angle HGE \\ \overline{DE} &\cong \overline{EG} \end{aligned}$$

17)



$$\begin{aligned} \overline{EF} &\parallel \overline{CD} \\ \overline{EC} &\parallel \overline{FD} \\ \overline{DF} &\perp \overline{DC} \\ \overline{EC} &\cong \overline{FD} \end{aligned}$$

18)



$$\begin{aligned} t &\parallel u \\ v &\perp \overline{GF} \\ \overline{GF} &\cong \overline{ED} \\ \angle FED &\cong \angle CDE \end{aligned}$$

Critical thinking questions:

19) Draw and mark a diagram that contains two congruent line segments and three congruent angles.

Many answers

20) Draw and mark a diagram that has two perpendicular lines and four congruent line segments.

Many answers. Ex: A square.