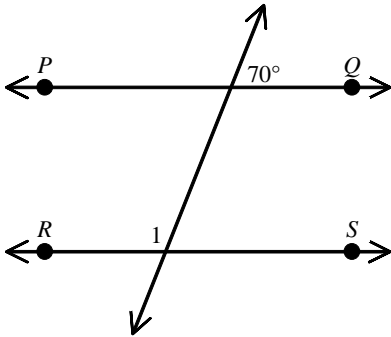
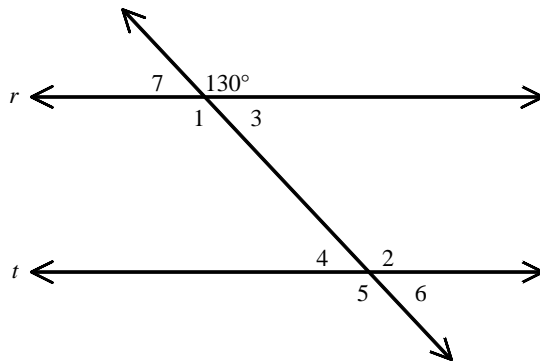


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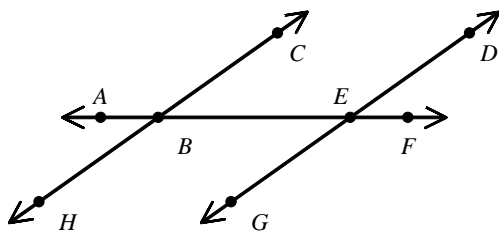
1. Find $m\angle 1$ in the figure below. \overleftrightarrow{PQ} and \overleftrightarrow{RS} are parallel. [A] 70 [B] 20 [C] 110 [D] 120



2. Line r is parallel to line t . Find $m\angle 3$ and $m\angle 4$.



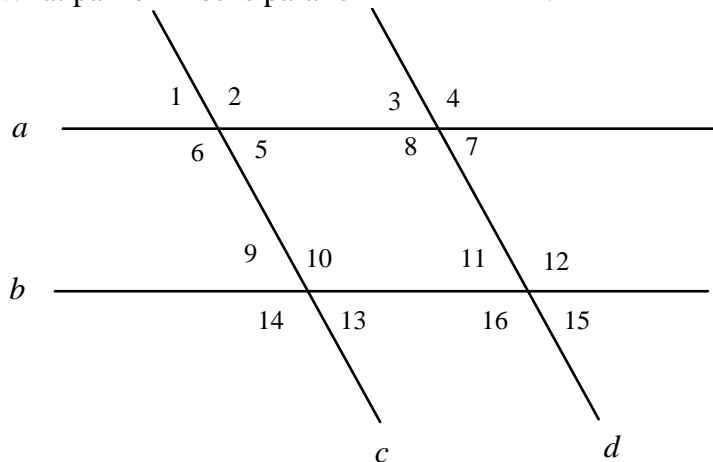
3. In the figure shown $\overleftrightarrow{HC} \parallel \overleftrightarrow{GD}$ and $m\angle ABC = 141$. Which of the following statements is false?



- [A] $m\angle GEF = 141$ [B] $\angle ABH$ and $\angle AEG$ are corresponding angles.
[C] $m\angle DEF = 141$ [D] $\angle HBF$ and $\angle AED$ are alternate interior angles.

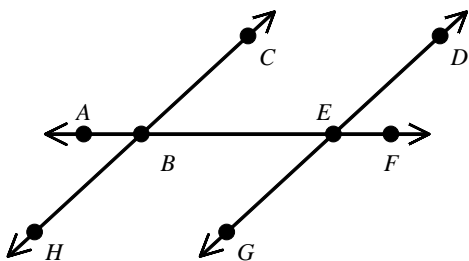
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4. What pair of lines is parallel if $\angle 4 \cong \angle 2$?

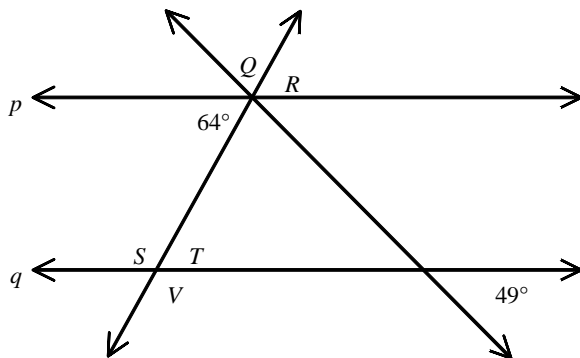


- [A] a and b [B] c and d [C] both a and b , and c and d [D] none

5. In the figure shown $\overleftrightarrow{HC} \parallel \overleftrightarrow{GD}$ and $m\angle ABC = 134$. True or false:
 $m\angle GEF = 134$



6. Which statement is true for the figure below, given that p and q are parallel lines?



- [A] Since $m\angle T = 64$, $m\angle S = 126$ [B] $m\angle V = m\angle R$
[C] Since $m\angle T = 64$, $m\angle Q = 67$ [D] None of these statements is true.

[1] C

[2] $m\angle 3 = 50; m\angle 4 = 50$

[3] C

[4] B

[5] true

[6] C