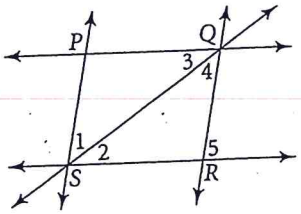
HW#1
Write answers in notebook

A Practice by Example

Examples 1, 2 (pages 115, 116)

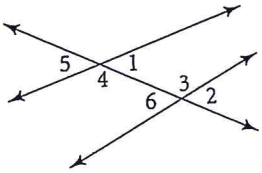
Name the two lines and the transversal that form each pair of angles. Then classify the pair of angles.

1. $\angle 2$ and $\angle 3$
2. $\angle 1$ and $\angle 4$
3. $\angle SPQ$ and $\angle PQR$
4. $\angle 5$ and $\angle PSR$

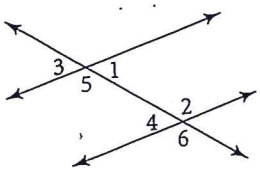


Classify each pair of angles labeled in the same color as *alternate interior angles*, *same-side interior angles*, or *corresponding angles*.

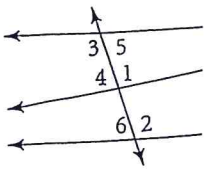
5.



6.



7.

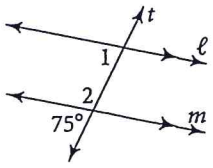


pairs are
∠1 & ∠2
∠3 & ∠4
∠5 & ∠6

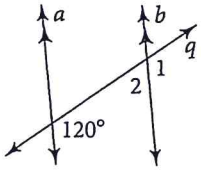
Example 4 (page 118)

Find $m\angle 1$, and then $m\angle 2$. Justify each answer.

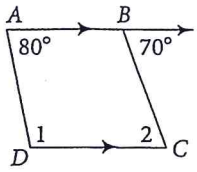
11.



12.



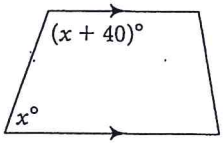
13.



Example 5 (page 118)

x^2 Algebra Find the value of x. Then find the measure of each labeled angle.

14.



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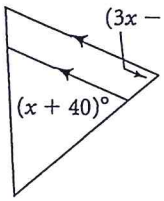
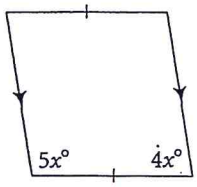
16.