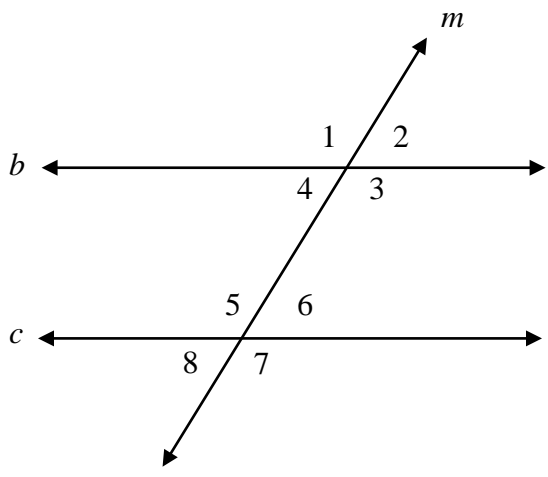




Angles #1 (page 1)



1. Name the *transversal*:

Name the pairs of angles:

$\angle 1$ and $\angle 7$ _____

$\angle 6$ and $\angle 8$ _____

$\angle 4$ and $\angle 6$: _____

$\angle 1$ and $\angle 5$: _____

$\angle 1$ and $\angle 2$: _____

2. Name the *transversal*:

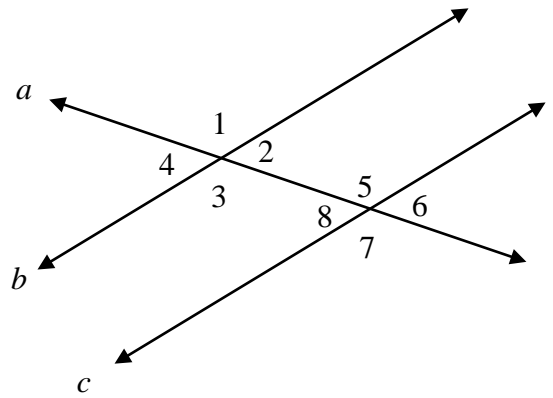
Name 2 different pairs of *corresponding angles*:

Name 2 different pairs of *supplementary angles*:

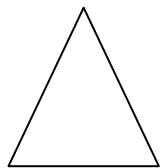
Name 2 different pairs of *alternate interior angles*:

Name 2 different pairs of *alternate exterior angles*:

Name 2 different pairs of *vertical angles*:



3. What do the interior angles of a triangle add up to? _____ degrees



Angles #1 (page 2)

4. Draw a line from one vertex to another vertex in the rectangle.

How many triangles are there in the rectangle? _____

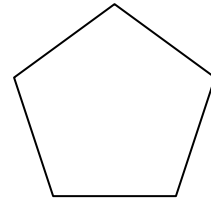
What do the interior angles of the quadrilateral add up to? _____



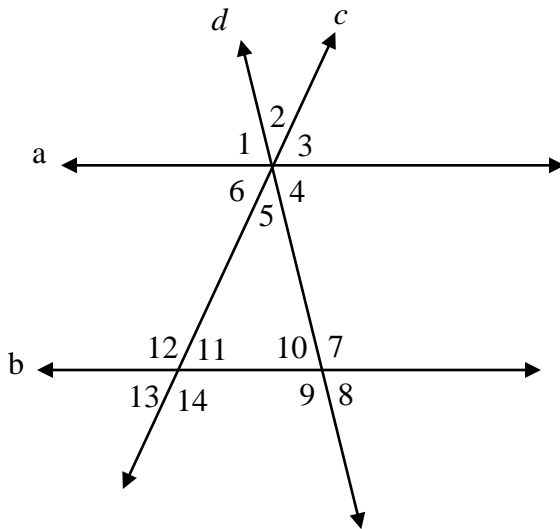
5. Draw lines from one vertex to the two other vertices in the pentagon.

How many triangles are there in the pentagon? _____

What do the interior angles of the pentagon add up to? _____



6. Name the transversal:



Name the pairs of angles:

$\angle 1$ and $\angle 4$

$\angle 4$ and $\angle 10$

$\angle 3$ and $\angle 13$

$\angle 1$ and $\angle 10$

$\angle 1 + \angle 2$ and $\angle 12$

$\angle 1 + \angle 2 + \angle 3$

7. Solve for x . _____

Show your work.

