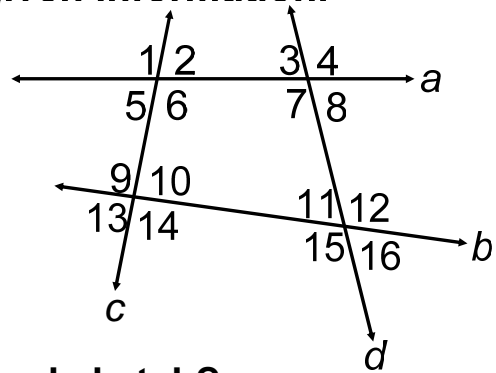


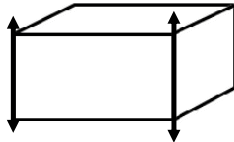
1. Which lines are // based on the given information.
Explain your answers.

- a. $m\angle 1 = m\angle 14$
- b. $\angle 6$ & $\angle 7$ are supplementary
- c. $m\angle 7 = m\angle 13$

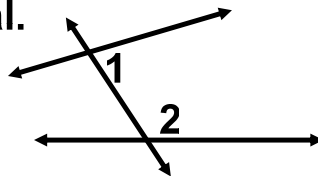


2. What term matches the definition and sketch?

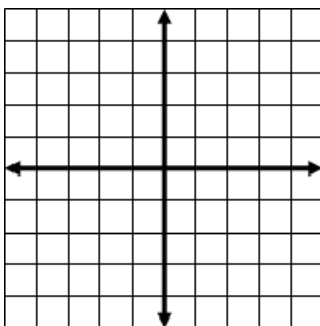
- a. Two lines that do not intersect and are coplanar.



- b. Two non-adjacent interior angles on the same side of a transversal.



3. Graph $4x - 3y \geq 12$



4. Factor completely: $10x^2 - 40$

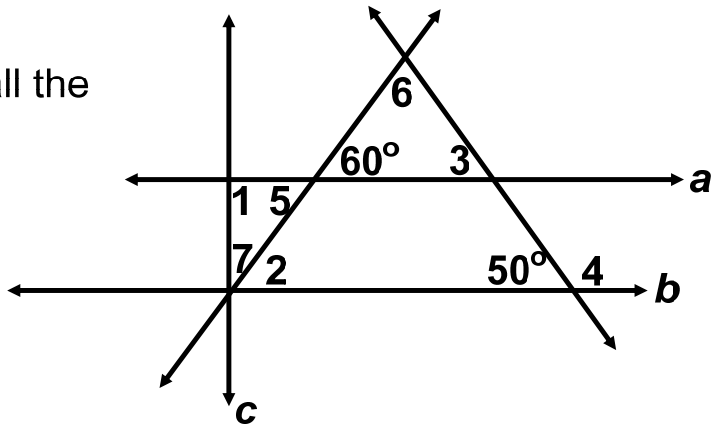
5. Use the M-I-U system on page 3.10 to prove the following:

Given: MI

Prove: MUIUI

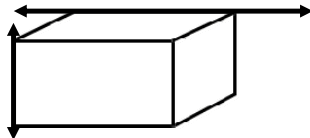
Geometry Week 9 Tuesday Warm-up

Given $a \parallel b$ and $a \perp c$.
Find the measure of all the numbered angles.

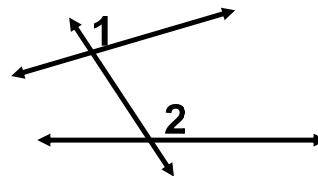


What term matches the definition and sketch?

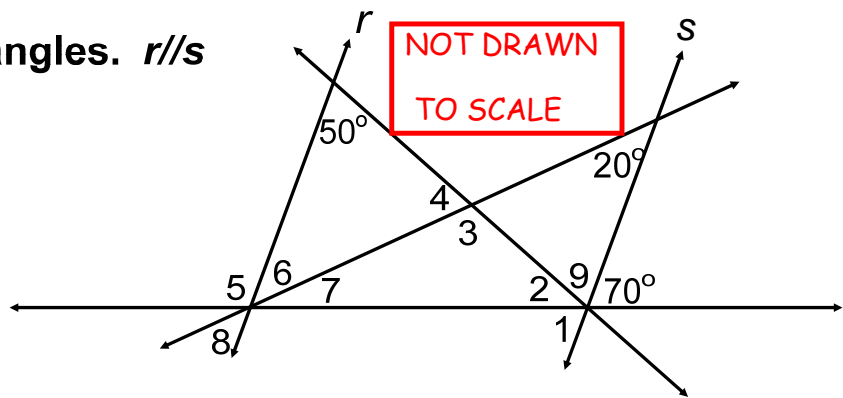
8. Two lines that do not intersect and are not coplanar.



9. Two non-adjacent angles on the same side of a transversal, one interior and one exterior.

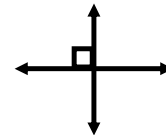


Find the numbered angles. $r \parallel s$

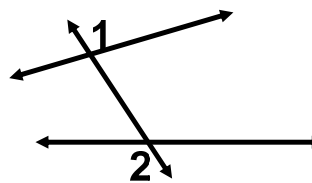


What term matches the definition and sketch?

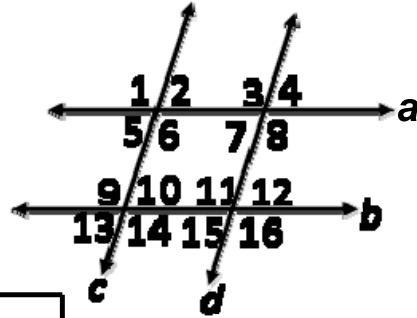
10. Two lines that meet to form right angles.



11. Two non-adjacent exterior angles on the opposite side of a transversal.



1. Given: $a \parallel b, c \parallel d$
 Prove: $m\angle 2 = m\angle 15$



Statements	Reasons
•	•
2. $m\angle 2 = m\angle 4$	•
3. $m\angle 4 = m\angle 15$	•
4. $m\angle 2 = m\angle 15$	•

Make a deduction and name the property used:

2. If $\angle 1 + \angle 2 = 180^\circ$ and $\angle 1 = \angle 3$, then _____.

3. If $m\angle 1 - 20^\circ = 90^\circ$, then _____.

4. Which lines are \parallel (if any) based on the given information. Explain your answers.

a. $\angle 5$ & $\angle 8$ are supplementary

b. $m\angle 1 = m\angle 13$

c. $m\angle 5 = m\angle 10$

