

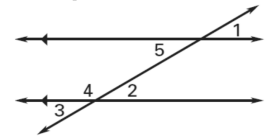
Angles - Short Cut Sheet

Linear Pairs	Supplementary
Vertical Angles	Congruent
Alternate Interior	Congruent
Alternate Exterior	Congruent
Corresponding	Congruent
Consecutive Interior	Supplementary

- * If Congruent: Set equal to each other and solve for x.
- * If Supplementary: Add together and set equal to 180. Then solve for x.
- * HINT: - If both angles are acute or both angles are obtuse, they are equal.
- If one is big and one is little, they are not equal which means they are supplementary.

Using Properties of Parallel Lines cut by a Transversal:

Use properties of parallel lines to find the angle measures given $m\angle 1 = 32^\circ$. State your reasoning.

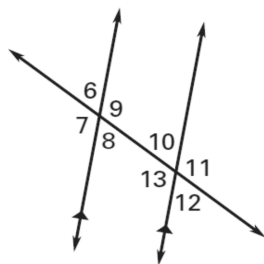


1. $m\angle 2$
2. $m\angle 3$
3. $m\angle 4$
4. $m\angle 5$

Using Properties of Parallel Lines cut by a Transversal:

You Practice:

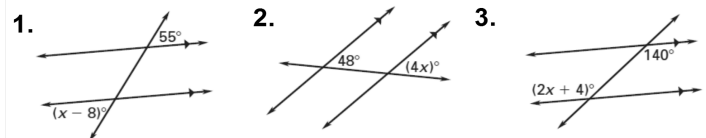
Use properties of parallel lines to find the angle measures given $m\angle 6 = 67^\circ$. State your reasoning.



1. $m\angle 7$
2. $m\angle 8$
3. $m\angle 9$
4. $m\angle 10$
5. $m\angle 11$
6. $m\angle 12$
7. $m\angle 13$

Using Properties of Parallel Lines cut by a Transversal:

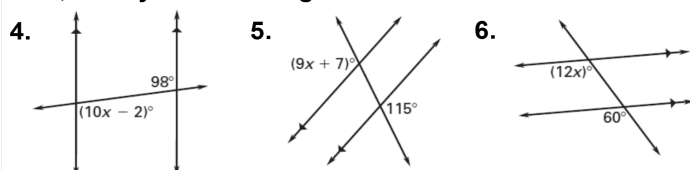
Use properties of parallel lines to find the value of x. Also, state your reasoning.



x = ___ because x = ___ because x = ___ because

Using Properties of Parallel Lines cut by a Transversal:

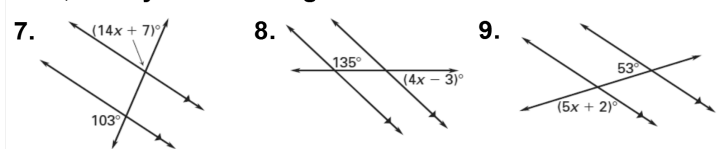
Use properties of parallel lines to find the value of x. Also, state your reasoning. You Practice:



x = ___ because x = ___ because x = ___ because

Using Properties of Parallel Lines cut by a Transversal:

Use properties of parallel lines to find the value of x. Also, state your reasoning.



x = ___ because x = ___ because x = ___ because