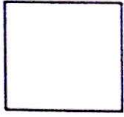


3.2 Homework

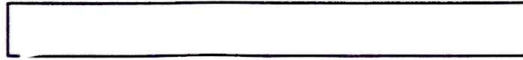


Name: _____

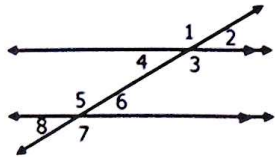
Parallel & Perpendicular Lines

Date: _____ Period: _____

Angles & Parallel Lines

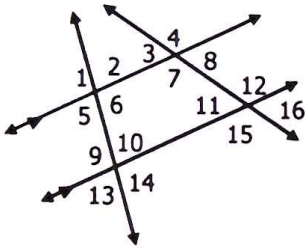


1. If $m\angle 8 = 23^\circ$, find the measure of each missing angle. Give your reasoning.



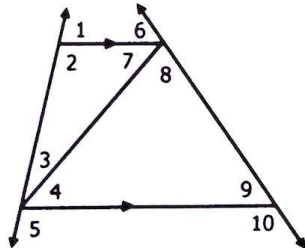
a. $m\angle 1 =$	
b. $m\angle 2 =$	
c. $m\angle 3 =$	
d. $m\angle 4 =$	
e. $m\angle 5 =$	
f. $m\angle 6 =$	
g. $m\angle 7 =$	

2. If $m\angle 9 = 97^\circ$ and $m\angle 12 = 114^\circ$, find the measure of each missing angle.



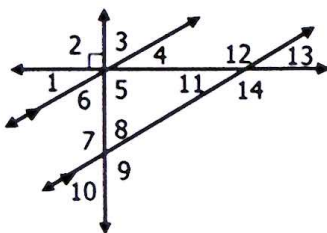
a. $m\angle 1 =$	f. $m\angle 6 =$	k. $m\angle 13 =$
b. $m\angle 2 =$	g. $m\angle 7 =$	l. $m\angle 14 =$
c. $m\angle 3 =$	h. $m\angle 8 =$	m. $m\angle 15 =$
d. $m\angle 4 =$	i. $m\angle 10 =$	n. $m\angle 16 =$
e. $m\angle 5 =$	j. $m\angle 11 =$	

3. If $m\angle 2 = 98^\circ$, $m\angle 3 = 23^\circ$ and $m\angle 8 = 70^\circ$, find the measure of each missing angle.



a. $m\angle 1 =$	d. $m\angle 6 =$	g. $m\angle 10 =$
b. $m\angle 4 =$	e. $m\angle 7 =$	
c. $m\angle 5 =$	f. $m\angle 9 =$	

4. If $m\angle 3 = 54^\circ$, find the measure of each missing angle.

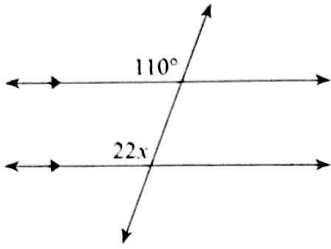


a. $m\angle 1 =$	f. $m\angle 7 =$	k. $m\angle 12 =$
b. $m\angle 2 =$	g. $m\angle 8 =$	l. $m\angle 13 =$
c. $m\angle 4 =$	h. $m\angle 9 =$	m. $m\angle 14 =$
d. $m\angle 5 =$	i. $m\angle 10 =$	
e. $m\angle 6 =$	j. $m\angle 11 =$	

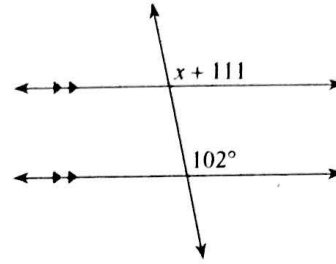
Assignment

Solve for x .

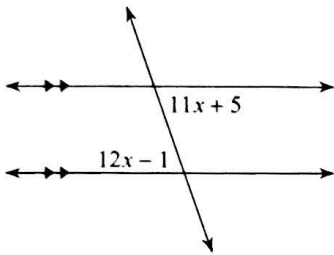
1)



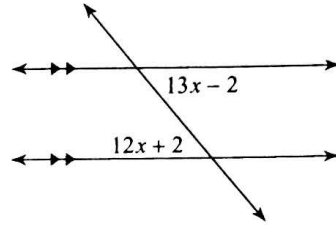
2)



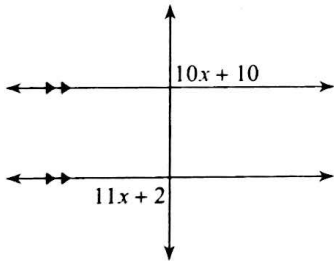
3)



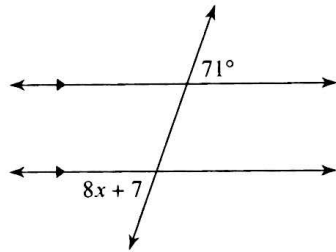
4)



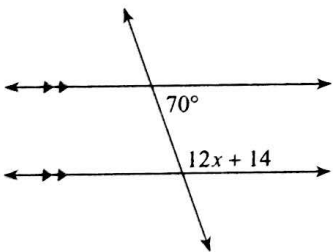
5)



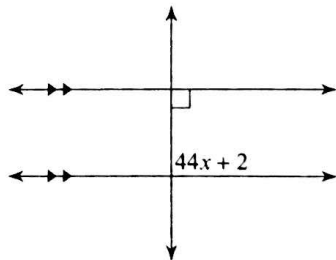
6)



7)

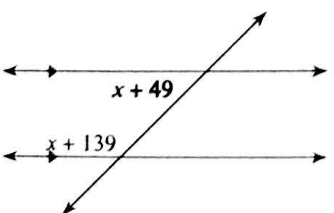


8)



Find the measure of the angle indicated in bold.

9)



10)

