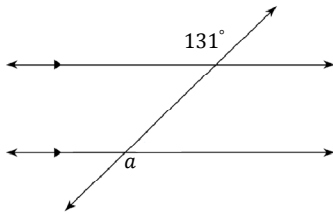


WS 6.2 Parallel Lines and Transversal

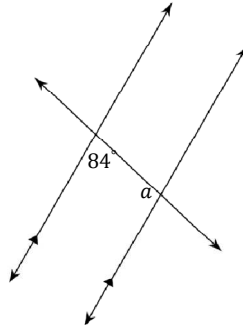
Name: _____ Per: _____

Find the measure of angle a .

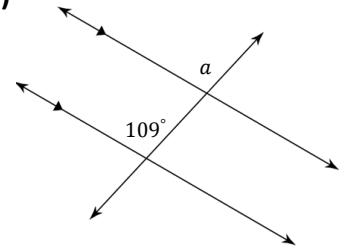
1)



2)

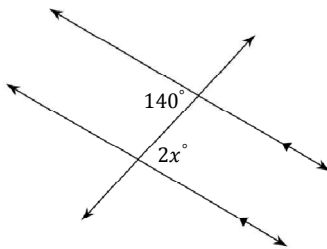


3)

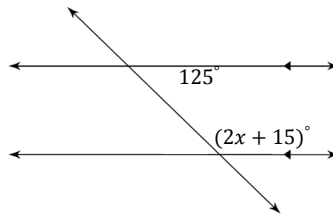


Find the value of x . (Pictures are not drawn to scale)

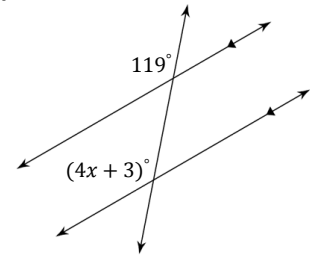
4)



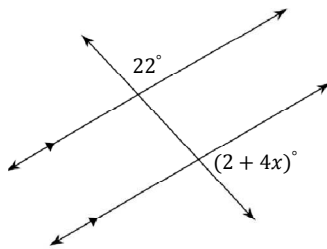
5)



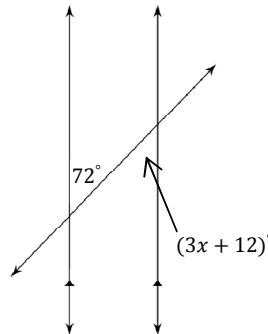
6)



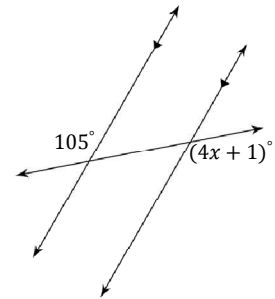
7)



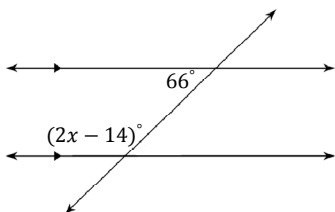
8)



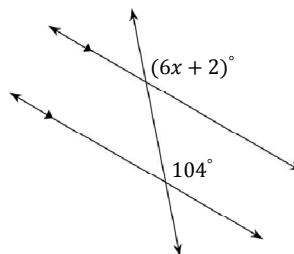
9)



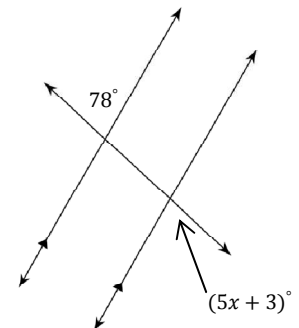
10)



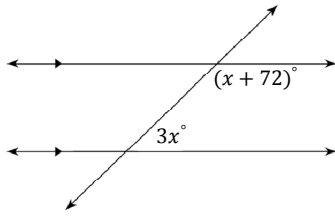
11)



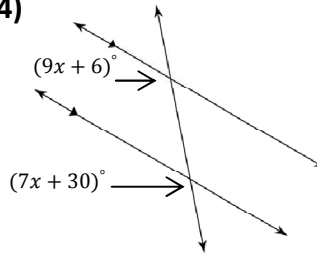
12)



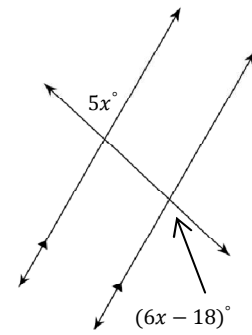
13)



14)



15)



Maintain Your Skills

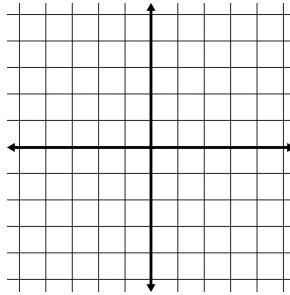
16) Solve the system:

$$3x + 4y = 19$$

$$3x + 6y = 33$$

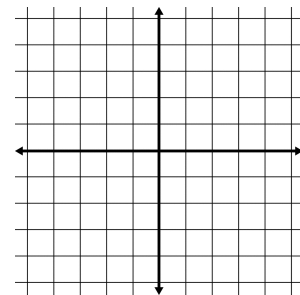
17) Graph the equation:

$$y = -2x + 5$$



18) Graph the equation:

$$6x - 3y = 12$$



19) Write an equation in slope-intercept form that passes through the point $(4, -8)$, and has a slope of 3.

20) Simplify: $(8a^3b)^2$

21) Complete the table below:

X	Y
-6	6
-4	2
-2	-2
0	
	-14

22) Solve:

$$W = mgh, \text{ for } g$$

23) Write 8.42×10^4 , in standard form.

24) Which number below is rational?

A. 5^2

B. π

C. $\sqrt{5}$

D. $12.\overline{73}$

E. $\frac{7}{3}$

F. $9.0687 \dots$