

Q1HW7

Date _____ Period _____

© 2010 Kuta Software LLC. All rights reserved.

Find the distance between each pair of points.

1) $(-3, 4), (1, 5)$

2) $(4, -2), (8, -4)$

3) $(-\frac{3}{2}, 1), (\frac{1}{2}, -2)$

4) $(-\frac{3}{2}, -\frac{3}{2}), (-1, \frac{1}{2})$

Sketch the graph of each line.

5) $y = -1$

6) $x = 4$

7) $y = -4x + 1$

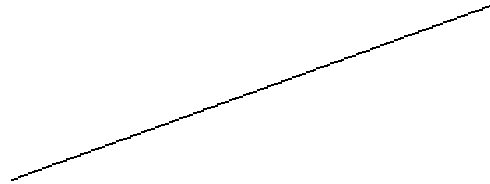
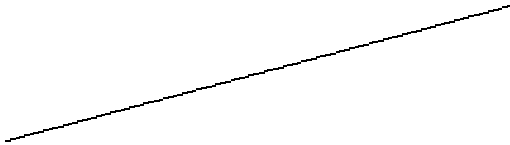
8) $7x - y = -4$

Construct a line segment perpendicular to the segment given through the point given.

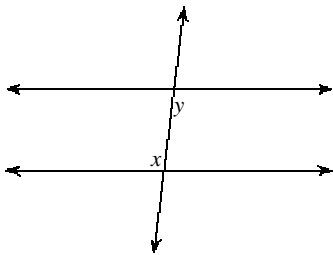
9)



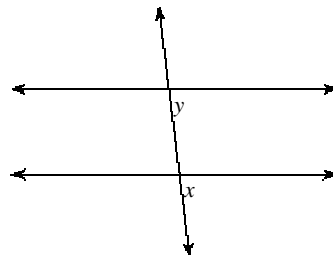
10)

**Identify each pair of angles as corresponding, alternate interior, alternate exterior, or consecutive interior.**

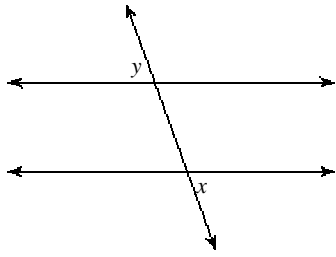
11)



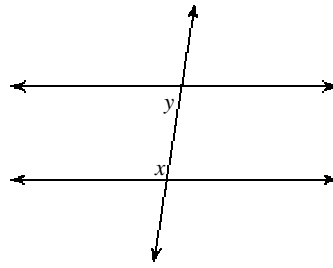
12)



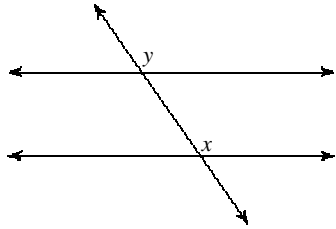
13)



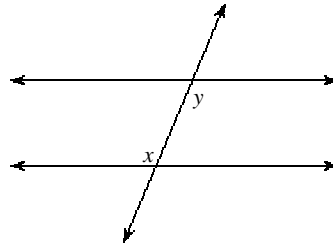
14)



15)

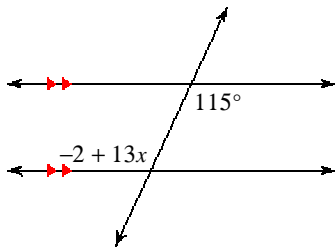


16)

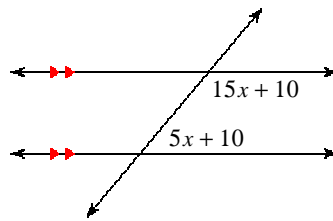


Solve for x .

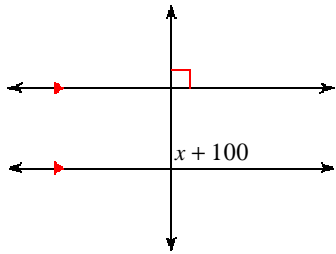
17)



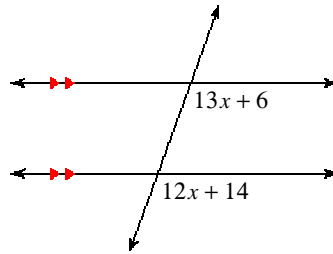
18)



19)

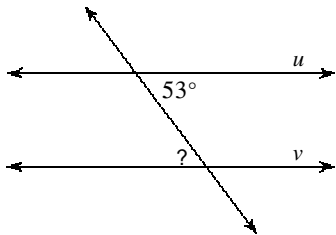


20)

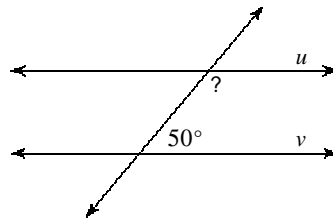


Find the measure of the indicated angle that makes lines u and v parallel.

21)

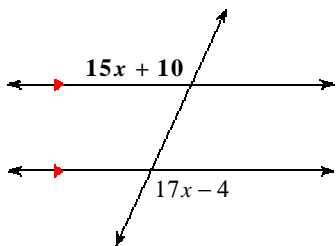


22)



Find the measure of the angle indicated in bold.

23)



24)

