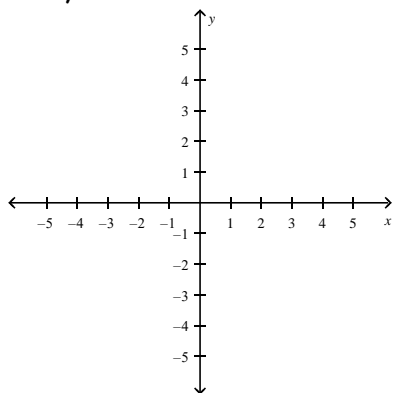Pre-AP Geometry

Name:_____

Per:_____

POINTS:_____

Homework #10 Quiz
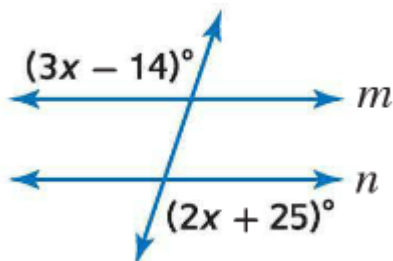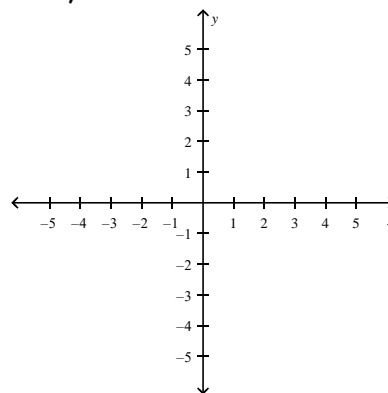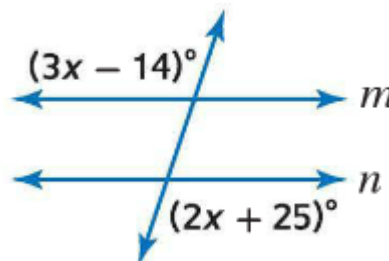
Be sure to include your work when appropriate.

Write an equation in slope-intercept form of the line having the given slope and *y*-intercept or given points. Then graph the line.

1. *m*: –7, *b*: –4

Find *x* so that *m* || *n*. Identify the postulate or theorem you used.

2.

$(3x - 14)°$ → *m*

$(2x + 25)°$ → *n*

Find the distance from P to ℓ.
3. Line ℓ contains points (-2,1) and (4,1). Point P has coordinates (5,7).

4. Find the distance between each pair of parallel lines with the given equations.

$y = 5x - 22$
$y = 5x + 4$