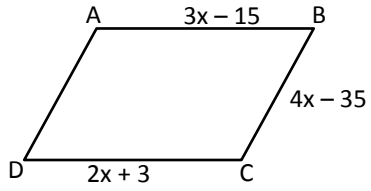
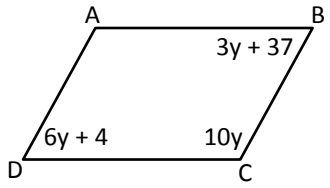
Intro. to Geometry (G.CO.11) Name: _____

Unit One B – Parallelogram Review for Assessment (HW31) Date: _____ Period: _____

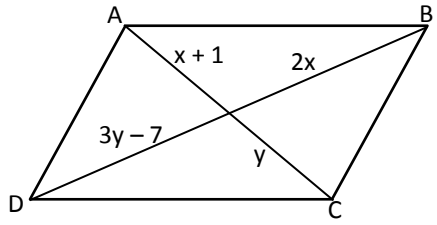
1. ABCD is a parallelogram. Find AD.



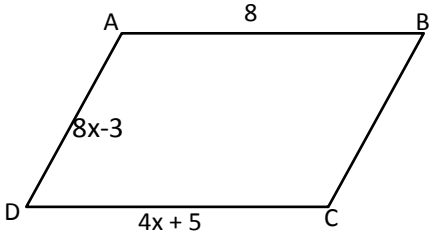
2. ABCD is a parallelogram. Find $m\angle A$.



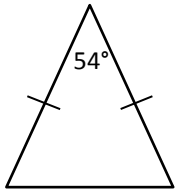
3. ABCD is a parallelogram. Find AC.



4. ABCD is a parallelogram. Find the perimeter.



5. Solve for the missing angles in the triangle below.



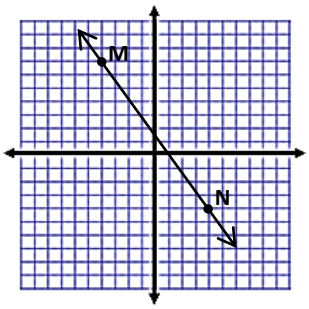
6. Which pair(s) of points define a line perpendicular to $\overline{MN}$?

a. (0, 7) and (8,-4)

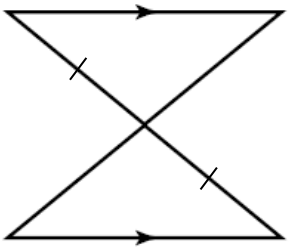
b. (4, -7) and (-4, 4)

c. (-7, 0) and (4, 8)

d. (7, -4) and (-4, 4)



7. Are the triangles below congruent? Justify your answer by marking additional information you know on the diagram and giving a reason.



8. Find the slope of a line parallel to y – 3x = 4.