Name: _____   Date: _____

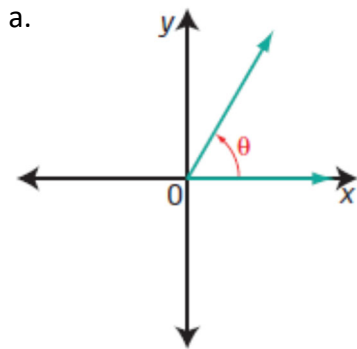| **Learning Goal 2.1**	Using angles in standard position and relating them to special angle triangles, the unit circle, reference and co-terminal angles and the terminal arm.

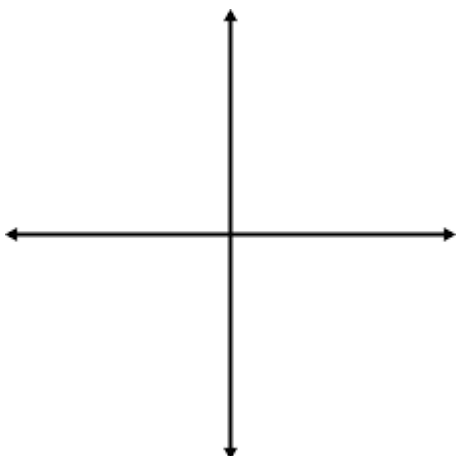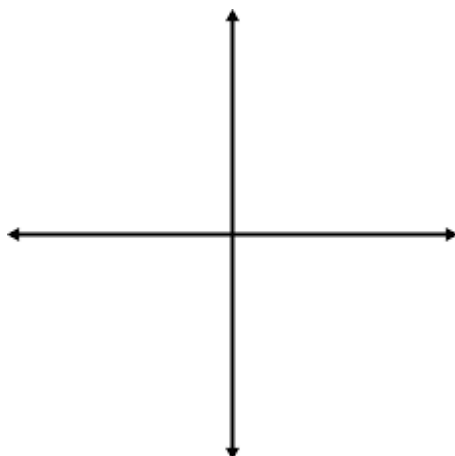Sort the following graphics into 2 groups: Group 1 should have similar attributes, and Group 2 should not.

a.

b.

c.

d.

e.

f.
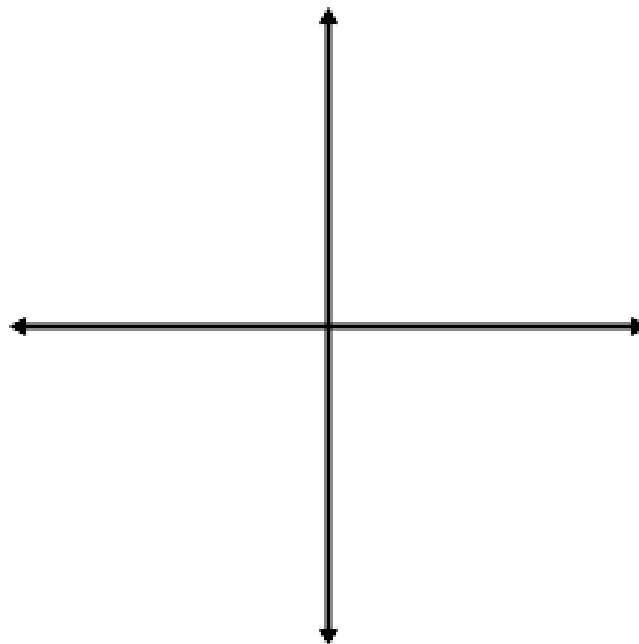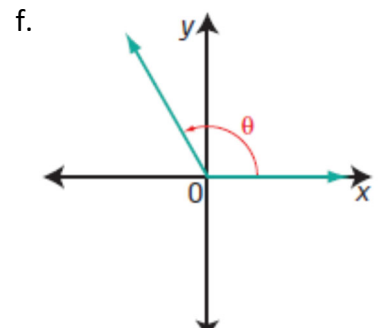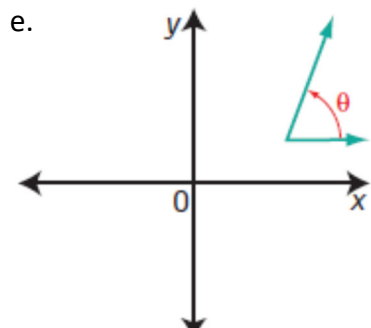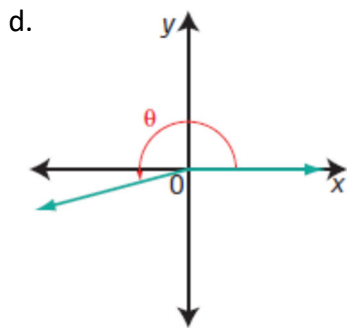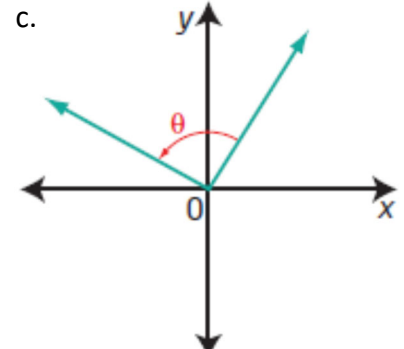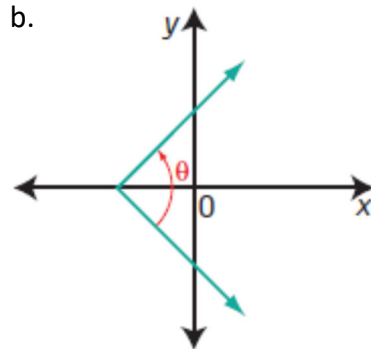
Example Sketch each angle in standard position. State the quadrant in which the terminal arm lies. Find the value of the reference angle.

a. 36°
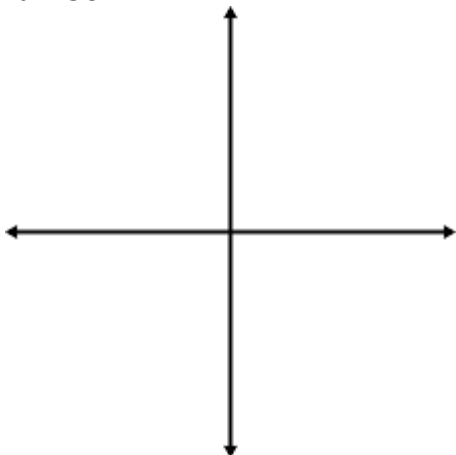
b. 210°
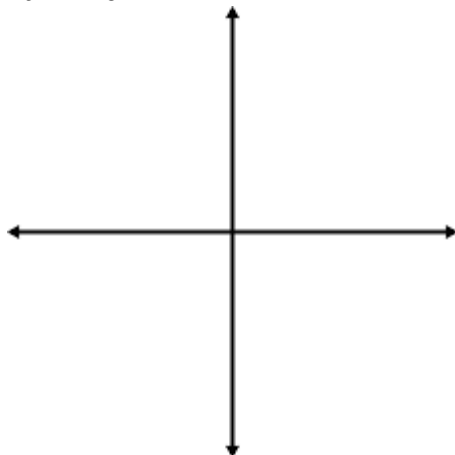
c. 315°
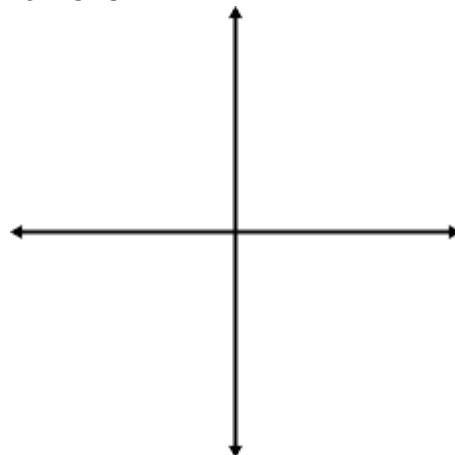
Example Determine the angle in standard position when an angle of 40° is reflected
a. over the $y -$ axis

b. over the $x -$ axis

c. over the $y -$, then the $x -$ axis