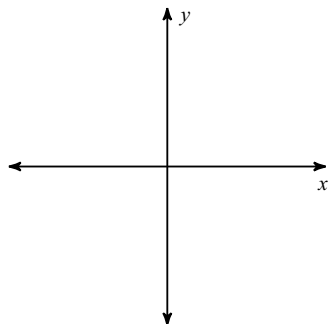
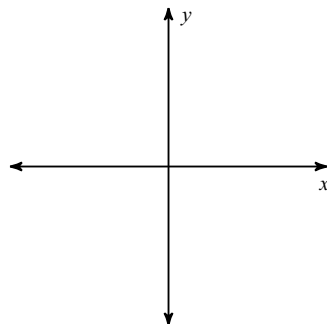
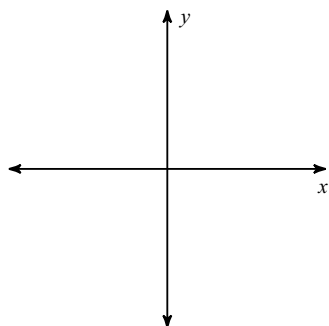
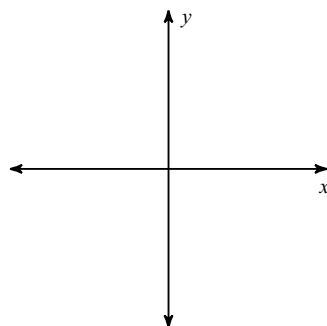
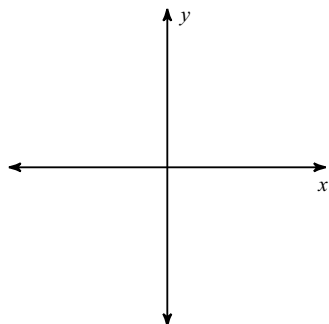
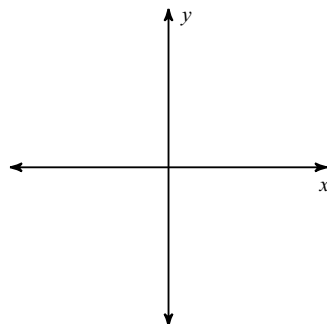
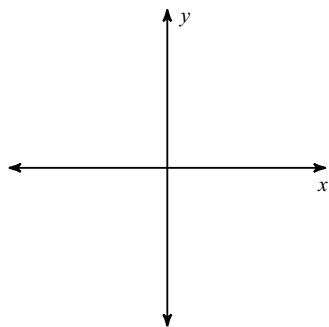
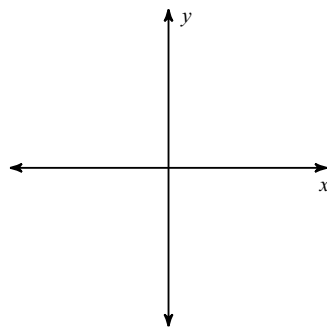


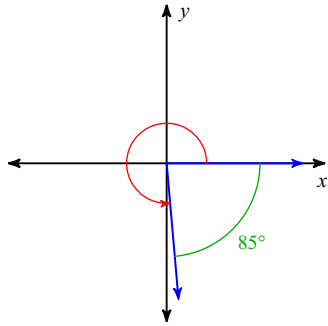
13.2A: Angles in the Coordinate Plane

Date _____ Period _____

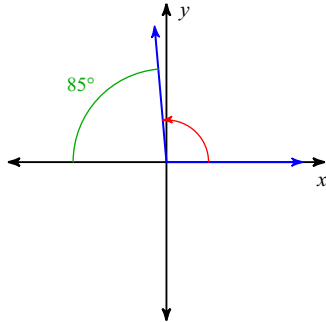
Draw an angle with the given measure in standard position.1) 185° 2) 75° 3) -150° 4) 600° 5) 470° 6) -630° 7) -655° 8) 315° 

Find the measure of each angle.

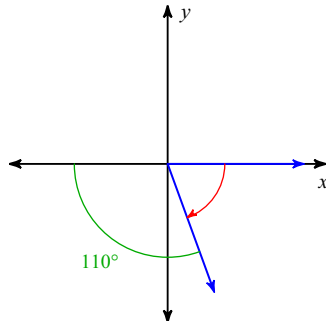
9)



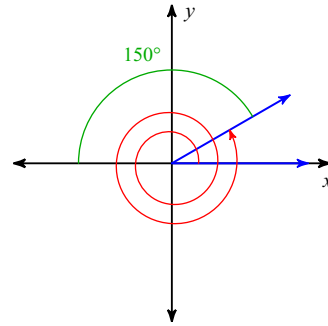
11)



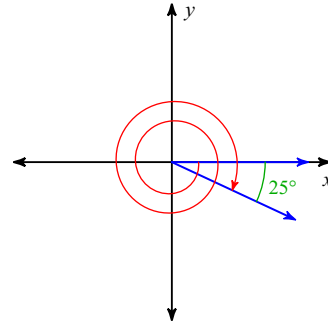
13)



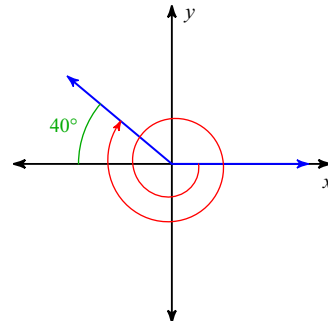
10)



12)



14)



State the quadrant in which the terminal side of each angle lies.

15) 30°

16) -402°

17) 240°

18) 625°

Find the reference angle.

19) 565°

20) -490°

21) -120°

22) 520°

23) -710°

24) 445°

25) -310°

26) 490°

Find a positive and a negative coterminal angle for each given angle.

27) 90°

28) 240°

29) 675°

30) -280°

Find a coterminal angle between 0° and 360° .

31) -15°

32) 598°

33) -480°

34) 710°

State if the given angles are coterminal.

35) $195^\circ, -105^\circ$

36) $110^\circ, 470^\circ$