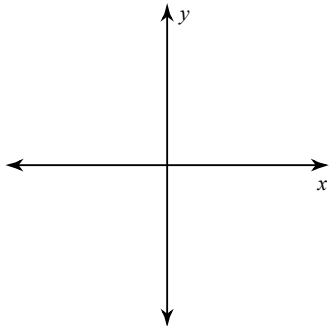


Angles in Standard Position Worksheet

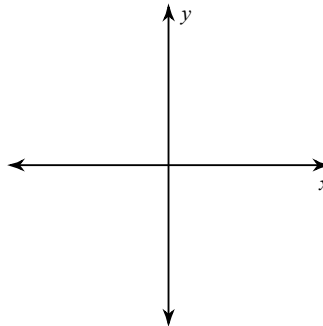
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Draw the angle with the given measure in standard position.

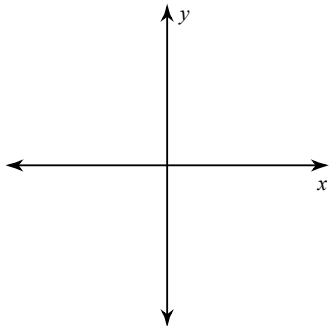
1) -340°



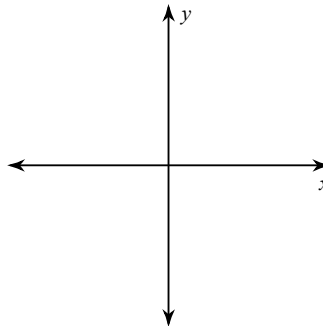
2) 150°



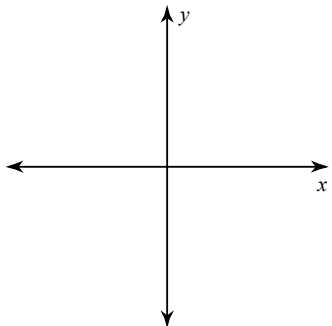
3) -185°



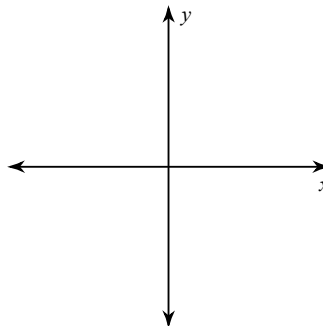
4) 300°



5) -260°

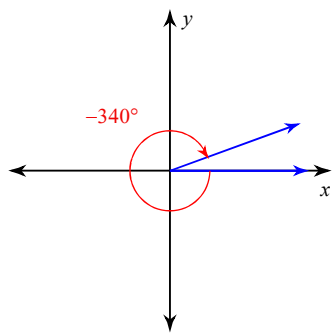


6) 220°

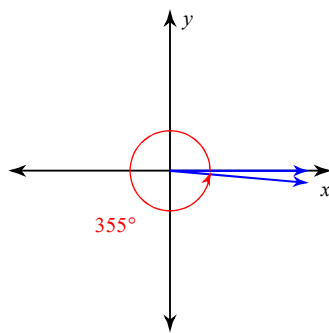


State the related angle for the principal angle shown.

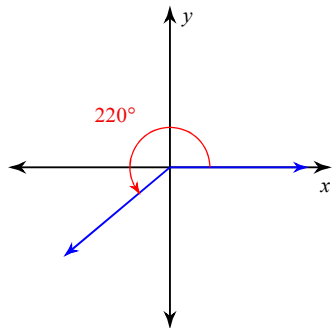
7)



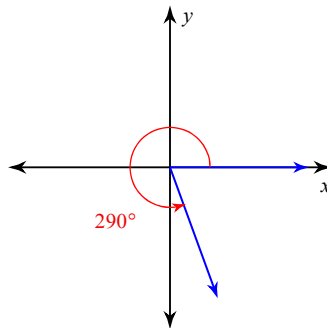
8)



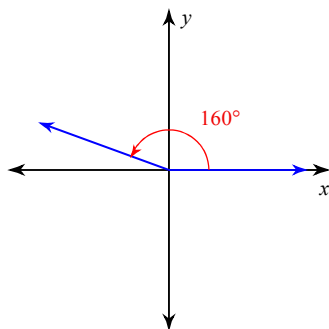
9)



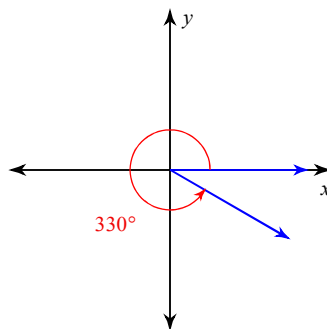
10)



11)

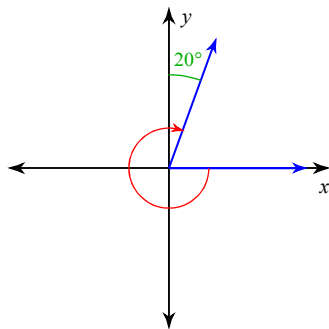


12)

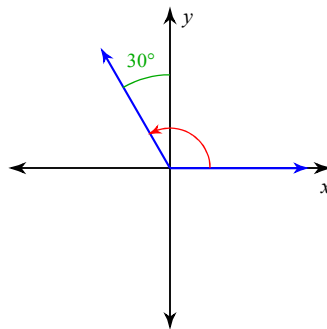


Find the measure of each principal angle.

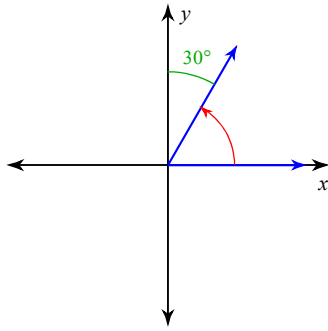
13)



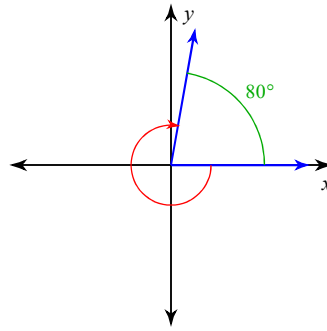
14)



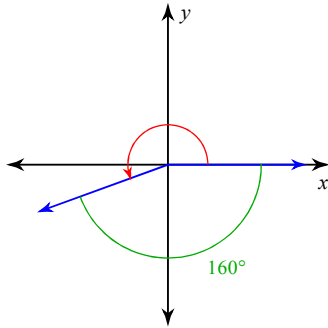
15)



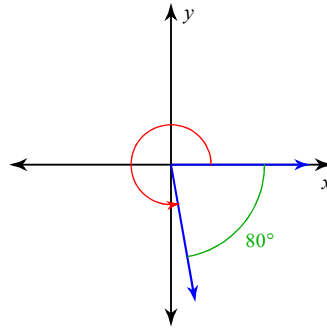
16)



17)



18)



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

19) 300° 20) 40° 21) 170° 22) 103° 23) 235° 24) -222° 25) -229° 26) -30°

State if the given angles are coterminal.

27) $355^\circ, 555^\circ$ 28) $85^\circ, -275^\circ$ 29) $100^\circ, -440^\circ$ 30) $35^\circ, 755^\circ$ 31) $20^\circ, 220^\circ$ 32) $5^\circ, -365^\circ$ 33) $55^\circ, -415^\circ$ 34) $70^\circ, 610^\circ$

Find a coterminal angle between 0° and 360° .

35) 975°

36) -215°

37) 895°

38) -334°

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

39) -130°

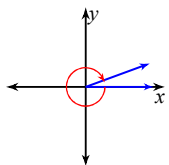
40) 340°

41) 660°

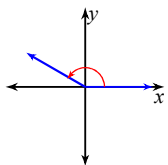
42) 655°

Answers to Angles in Standard Position Worksheet

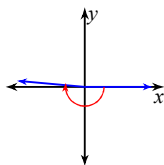
1)



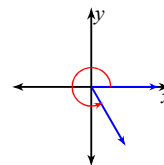
2)



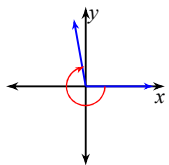
3)



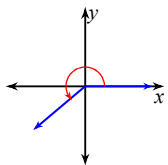
4)



5)



6)



7) 20°

8) 5°

9) 40°

10) 70°

11) 20°

12) 30°

13) -290°

14) 120°

15) 60°

16) -280°

17) 200°

18) 280°

19) IV

20) I

21) II

22) II

23) III

24) II

25) II

26) IV

27) No

28) Yes

29) No

30) Yes

31) No

32) No

33) No

34) No

35) 255°

36) 145°

37) 175°

38) 26°

39) 230° and -490°

40) 700° and -20°

41) 300° and -60°

42) 295° and -65°