

Reference and Coterminal Angles

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

1) 326°

2) 530°

3) -215°

4) -84°

5) 215°

6) 255°

7) -660°

8) -255°

9) 172°

10) 700°

11) -340°

12) 540°

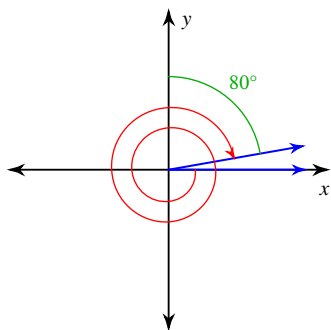
13) 495°

14) 315°

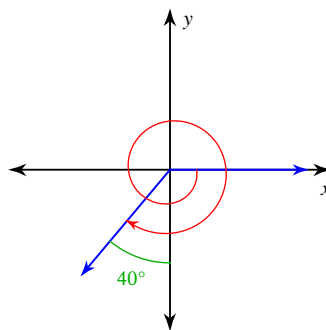
15) -210°

Find the measure of each angle.

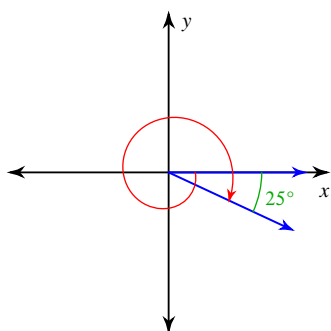
16)



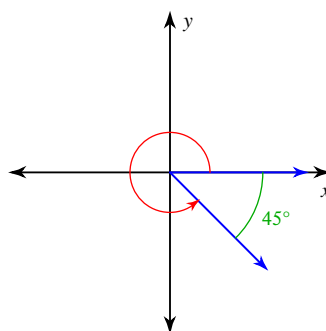
17)



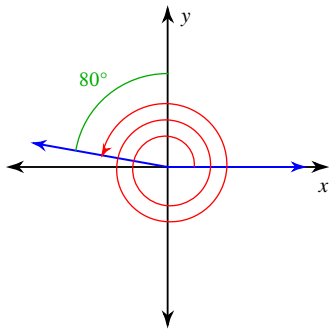
18)



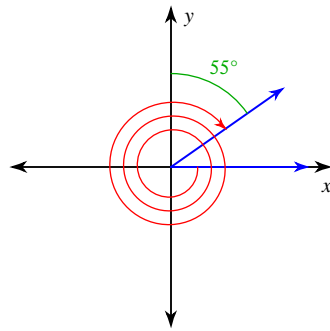
19)



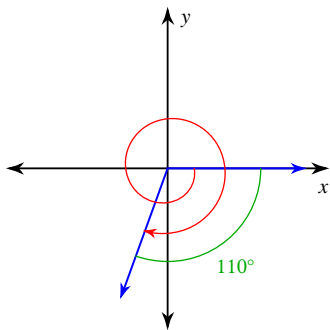
20)



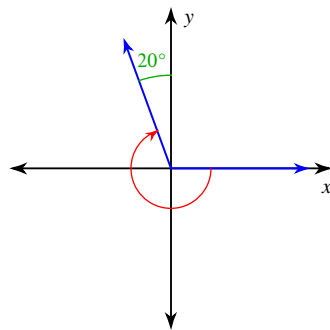
21)



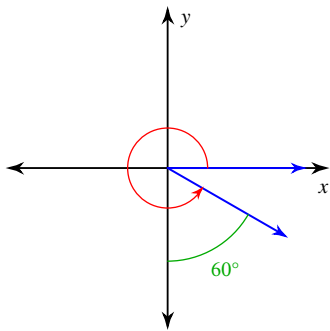
22)



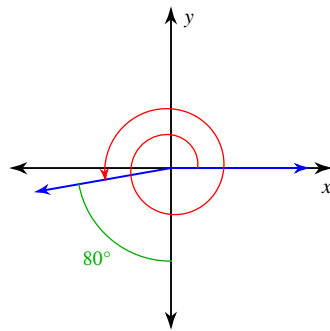
23)



24)

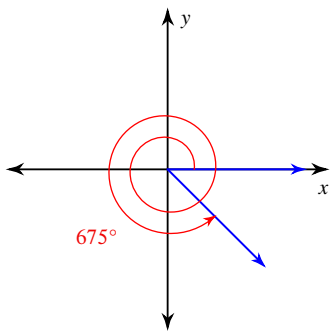


25)

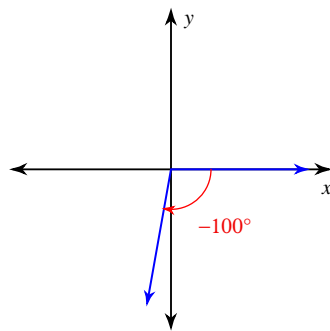


Find the reference angle.

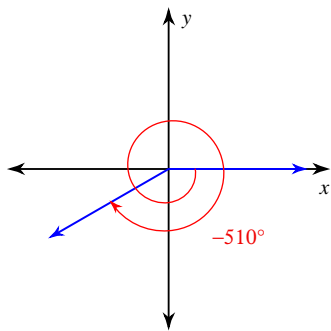
26)



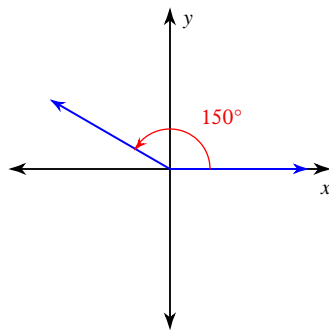
27)



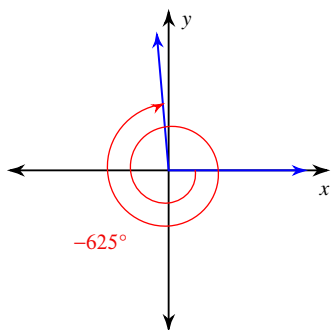
28)



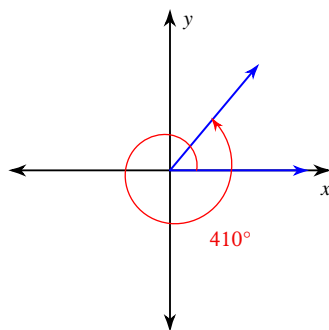
29)



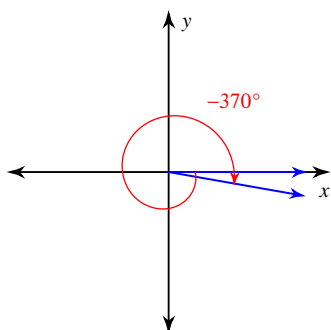
30)



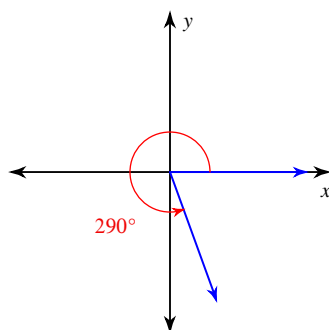
31)



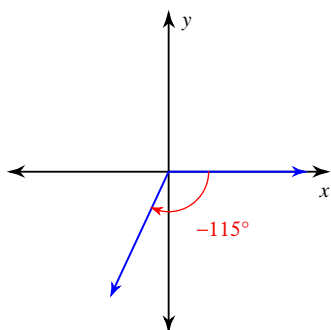
32)



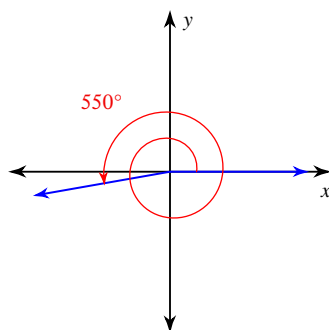
33)



34)



35)



Reference and Coterminal Angles

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

1) 326°

686° and -34°

3) -215°

145° and -575°

5) 215°

575° and -145°

7) -660°

60° and -300°

9) 172°

532° and -188°

11) -340°

20° and -700°

13) 495°

135° and -225°

15) -210°

150° and -570°

2) 530°

170° and -190°

4) -84°

276° and -444°

6) 255°

615° and -105°

8) -255°

105° and -615°

10) 700°

340° and -20°

12) 540°

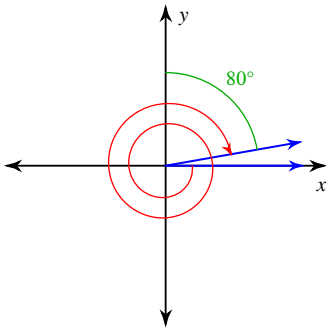
180° and -180°

14) 315°

675° and -45°

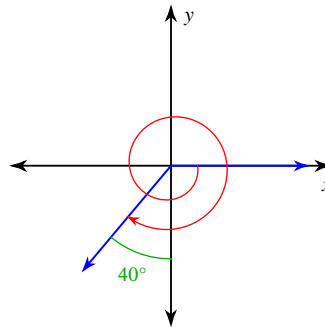
Find the measure of each angle.

16)



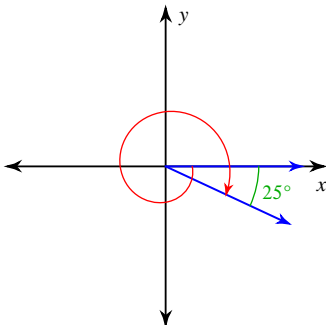
-710°

17)



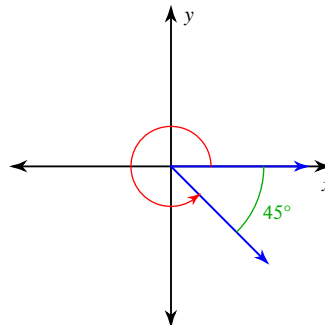
-490°

18)



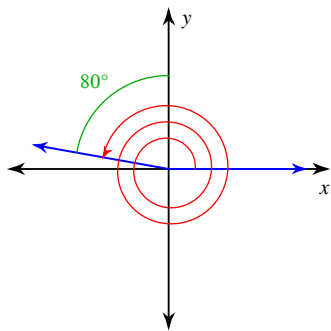
-385°

19)



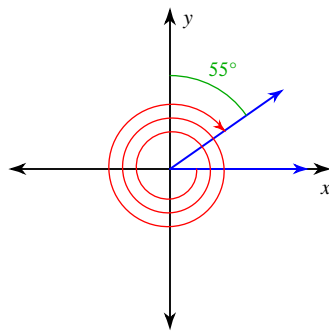
315°

20)



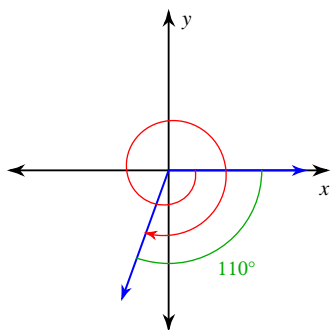
890°

21)



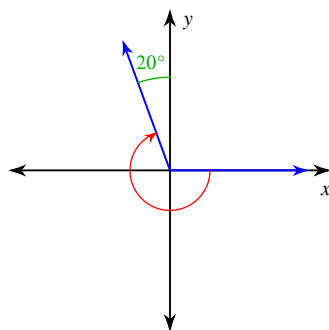
-1045°

22)



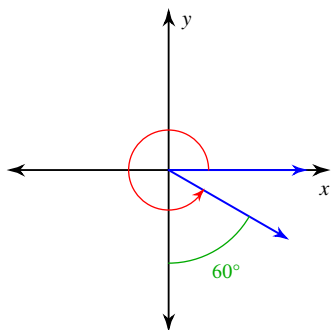
-470°

23)



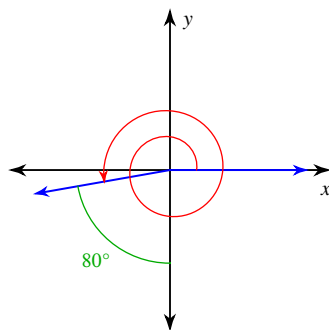
-250°

24)



330°

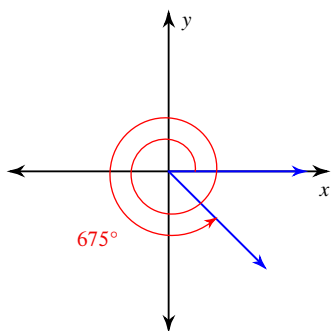
25)



550°

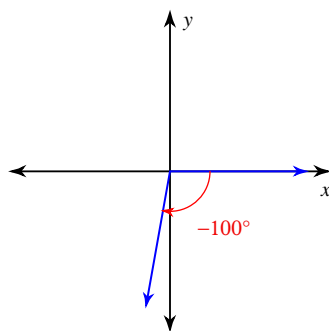
Find the reference angle.

26)



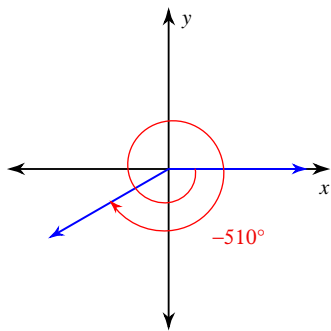
45°

27)



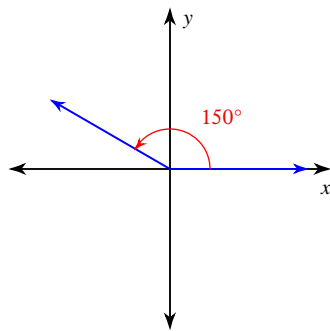
80°

28)



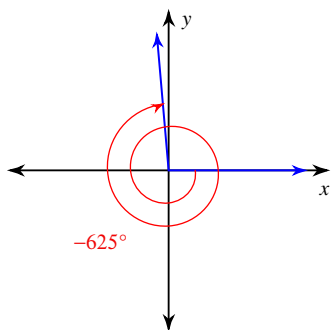
30°

29)



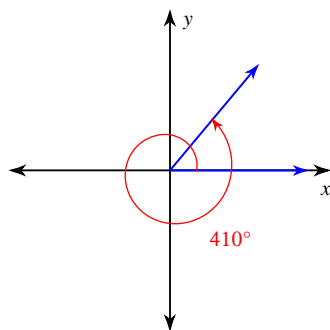
30°

30)



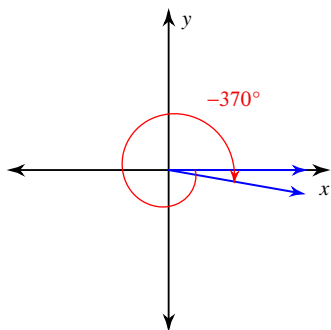
85°

31)



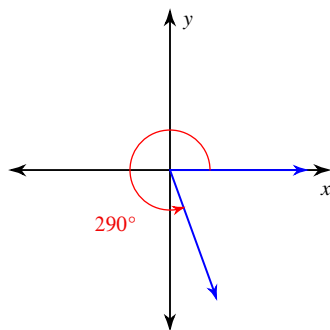
50°

32)



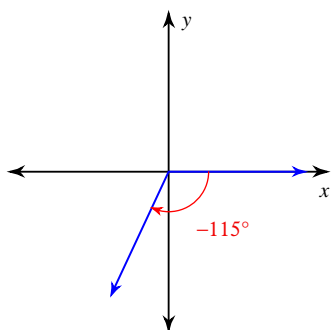
10°

33)



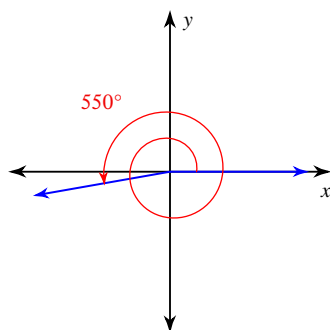
70°

34)



65°

35)



10°