1a)Picture is attached.

b)3.25π,5.25π

-0.75π,-2.75π

c)225$°$

2)381.97rad/min

3)sin$θ$=0.980785

Cos$θ$=-0.195090

Tan$θ$=-5.027339

Csc$θ$=1.01959

Sec$θ$=-5.125831

Cot$θ$=-0.198912

4)cos$θ$=2/$√$53

Sin$θ$=7/$√53$

Csc$θ=\sqrt{53}/7$

Sec$θ$=$\sqrt{53}/2$

Cot$θ=$2/7

5)$θ=225°$

Θ’=45°

6)Third quadrant

7) θ =135°

Θ =225°

8) θ =1.33rad

Θ =1.812rad

9)sin θ =4/5

Tan θ =-4/3

Csc θ =5/4

Sec θ =-5/3

Cot θ =-3/4

18)a =2

b = 1

c =π

19)$\sqrt{5}/2$

23)+235.49°