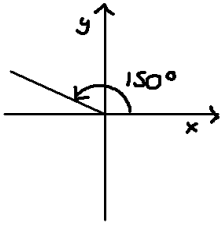


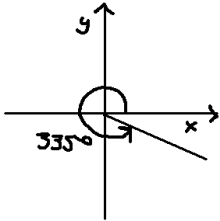
## Section 4.4: Trig Functions of Any Angle

### Answers

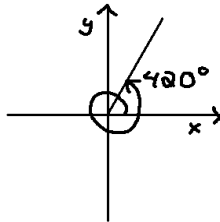
1.



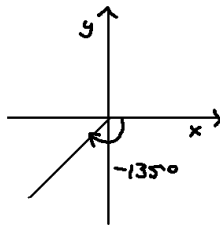
2.



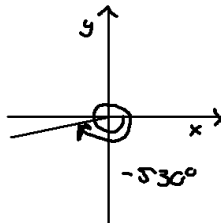
3.



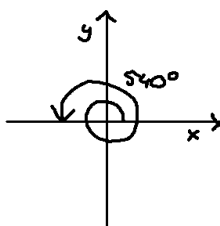
4.



5.



6.



7.  $385^\circ, -335^\circ$
8.  $570^\circ, -150^\circ$
9.  $60^\circ, -660^\circ$
10.  $360^\circ, -360^\circ$  (note:  $0^\circ$  is neither positive nor negative)
11.  $195^\circ, -525^\circ$
12.  $348^\circ, -372^\circ$
13.  $60^\circ$
14.  $30^\circ$
15.  $60^\circ$
16.  $30^\circ$
17.  $55^\circ$
18.  $30^\circ$
19. all three are +
20.  $\cos \theta$  is +, others negative
21.  $\tan \theta$  is +, others negative
22.  $\sin \theta$  is +, others negative
23.  $-0.8926$
24.  $-0.8988$
25. undefined
26.  $-1.4282$
27.  $-1$  (you could write it as  $-1.0000$  if you like, but it's exact so I wrote it as an integer)
28.  $0.6969$