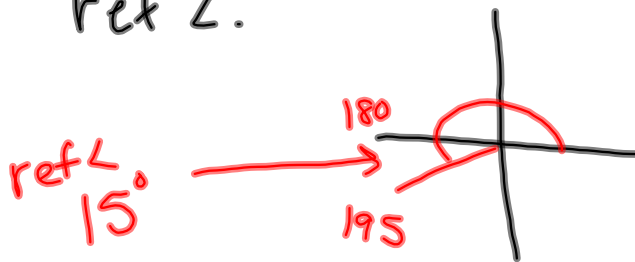


Sec. 2.1 continued

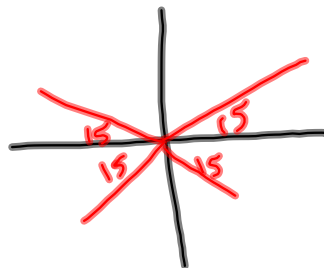
Finding  $\theta$  given the reference angle



Ex. Given  $195^\circ$  state the reference angle and list all angles with the same ref  $\angle$ .



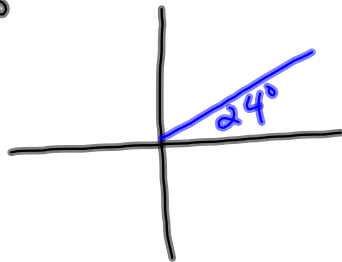
All angles:



- Q1:  $15^\circ$
- Q2:  $165^\circ$
- Q3:  $195^\circ$
- Q4:  $345^\circ$

2.1 Practice Sheet: Do All Questions

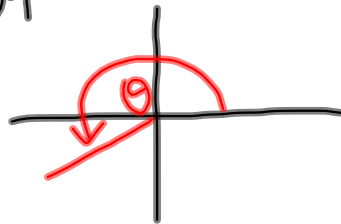
1a)  $24^\circ$



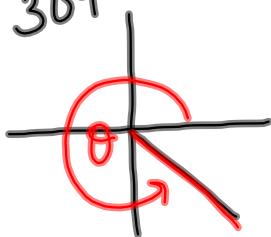
b)  $104^\circ$



c)  $204^\circ$



d)  $304^\circ$



2a)  $55^\circ$

b)  $25^\circ$

c)  $75^\circ$

d)  $5^\circ$

3a)  $40^\circ, 140^\circ, 220^\circ, 320^\circ$

b)  $72^\circ, 108^\circ, 252^\circ, 288^\circ$

c)  $88^\circ, 92^\circ, 268^\circ, 272^\circ$

d)  $3^\circ, 177^\circ, 183^\circ, 357^\circ$

4a)  $150^\circ$

b)  $225^\circ$

c)  $300^\circ$

5 a) No

b) No

c) yes

d) No