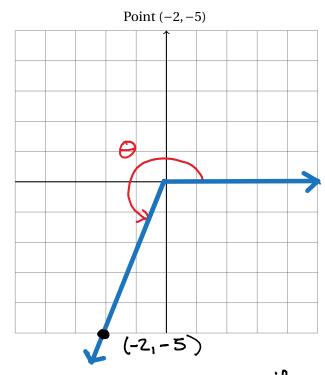
Section 1.3

Trigonometric Functions

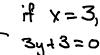
TRIG FUNCTION DEFINITIONS

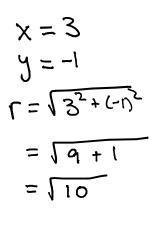
1. Sketch the angle θ CCW from the positive *x*-axis (this is called the standard position for θ in the book) given from the point. Then fill in the values for the six trigonometric functions.

| Trig functions | | |
|----------------|---|-----|
| $\sin \theta$ | -5/ /129 | 3/- |
| $\cos \theta$ | -2/ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | */~ |
| $\tan \theta$ | 5/2 | 4/x |
| $\csc\theta$ | 129/5 | 1/4 |
| $\sec \theta$ | -129/2 | ٢/٧ |
| $\cot \theta$ | 2/5 | */y |



2. Sketch the line described below and fill in the values for the six trigonometric functions.





| ınctions | |
|----------|------------------------------|
| 1/10 | 3/2 |
| 3/10 | */ |
| -1/3 | 3/X |
| -110 | 5/4 |
| 110/3 | r/x |
| -3 | */4 |
| | -1/10 3/10 -1/3 -10 |

