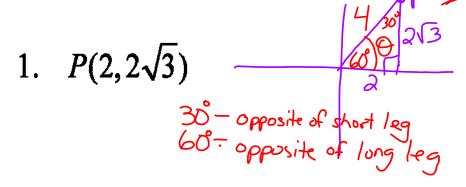
Lesson for T-6

The terminal side of an angle θ in standard position passes through the given point. Sketch the angle and evaluate $\sin \theta$ and $\tan \theta$

Then find the value of θ between 0 and 360°.



$$Sin \theta = \frac{2\sqrt{3}}{4} = \frac{3}{2}$$
 $tan \theta = \frac{2\sqrt{3}}{3} = \sqrt{3}$
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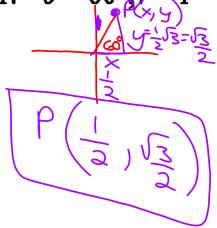
2.
$$P(-5,-5)$$

$$S = \frac{1}{5\sqrt{3}} + \frac{1}{5\sqrt{3}$$

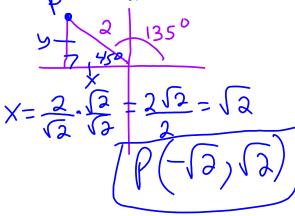
3.
$$P(-4\sqrt{3},4)$$
 4 30:00 Sin Standard position $Sin \Theta = +\frac{4}{8} = \frac{1}{2}$ $tan \Theta = -\frac{4}{4\sqrt{3}} = \frac{1}{3} = \frac{1}{3} = \frac{1}{3}$

Find x and y coordinates of P.

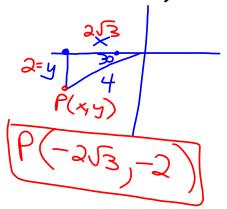




2.
$$\theta = 135^{\circ}, \underline{r} = 2$$



3.
$$\theta = 210^{\circ}, r = 4$$



4.
$$\theta = 315^{\circ}, r = 1$$

