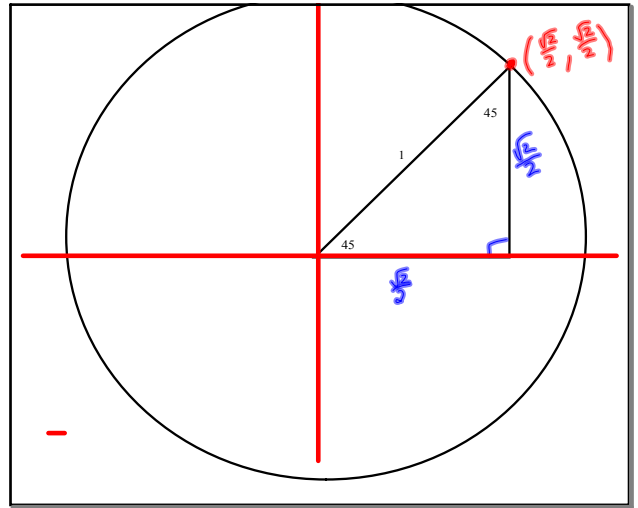


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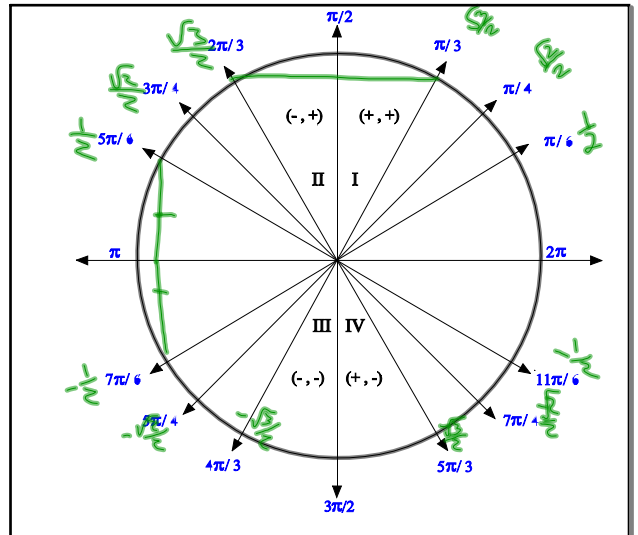


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45) $13'' = r$
 $1 \text{ rev: } C = 26\pi \text{ in}$ $S = \frac{44 \text{ ft}}{5}$

$$\frac{44 \text{ ft}}{\text{sec}} \cdot \frac{60 \text{ sec}}{1 \text{ min}} \cdot \frac{12 \text{ in}}{1 \text{ ft}} \cdot \frac{1 \text{ Rev}}{26\pi \text{ in}} = ? \frac{\text{rev}}{\text{min}}$$

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$$\tan 30^\circ = \frac{\sin 30^\circ}{\cos 30^\circ} = \frac{1/2}{\sqrt{3}/2}$$

$$\frac{1/2}{\sqrt{3}/2} = \frac{1}{\sqrt{3}} = \frac{\sqrt{3}}{3}$$

$$\frac{1}{\frac{\sqrt{3}}{3}} = \sqrt{3}$$

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students	ALL
sin + cos - tan -	sin + cos + tan +
take	Calculus
sin - cos - tan +	sin - cos + tan -

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$\tan \delta = \frac{1}{2}$ and δ is in
 Quadrant III

$\cos \delta = -\frac{2}{\sqrt{5}}$
 $\sin \delta = -\frac{1}{\sqrt{5}}$
 $\csc \delta = -\sqrt{5}$
 $\cot \delta = 2$
 $\sec \delta = -\sqrt{5}$

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