

# Veronica's Bow Tie & All Students Try Cheating

(c)2019, A<sup>2</sup>

1. In each quadrant, enter the degree and radian measure of the hypotenuse angle.
2. Evaluate each trig function. (See quadrant II of the 30s.)
3. Explain the 2 title expressions.

$$\sin(150^\circ) = \sin(\frac{5\pi}{6}) =$$

$$\frac{1}{2}$$

$$\cos(150^\circ) = \cos(\frac{5\pi}{6}) =$$

$$-\frac{\sqrt{3}}{2}$$

$$\tan(150^\circ) = \tan(\frac{5\pi}{6}) =$$

$$-\frac{\sqrt{3}}{3}$$

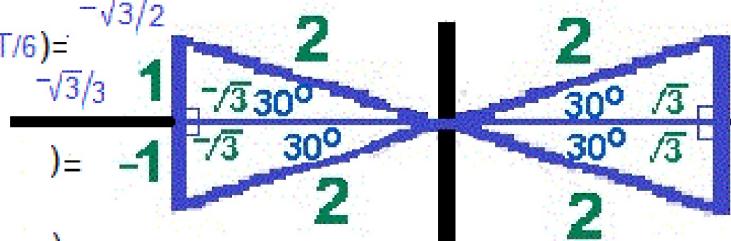
$$\sin(\quad) = \sin(\quad) =$$

$$-1$$

$$\cos(\quad) = \cos(\quad) =$$

$$-\frac{\sqrt{3}}{2}$$

$$\tan(\quad) = \tan(\quad) =$$



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