

$$1] \frac{1}{3}$$

$$2] \frac{1}{3}$$

3] undef. need

$$4] \frac{1}{6}$$

$$5] -\frac{1}{6}$$

$$6] -\frac{1}{6}$$

$$7] \frac{\tan\left(\frac{1}{2}\pi - \frac{1}{2}\pi\right)}{\tan\left(\frac{1}{6}\pi\right)}$$

$$8] -\frac{1}{2}$$

$$11] N = 79^\circ$$

$$m = 9.4$$

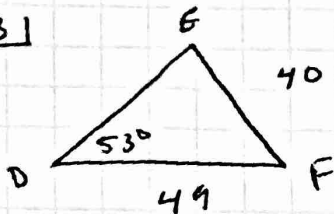
$$p = 13.6$$

$$12] R = 118^\circ$$

$$r = 74.7$$

$$s = 46.1$$

13]



14]

$$A = 40.5^\circ$$

$$B = 111.8^\circ$$

$$C = 27.7^\circ$$

$$h = 49 \sin 53$$

$$h = 39.133$$

$$E_2 = 110 - 78.05$$

$$E_2 = 101.95^\circ$$

$$\frac{\sin E}{49} = \frac{\sin 53}{40}$$

$$F_2 = 110 - (101.95 + 53)$$

$$F_2 = 25.05^\circ$$

$$E = \sin^{-1}\left(\frac{49 \sin 53}{40}\right)$$

$$f = 21.207$$

$$E = 78.05^\circ$$

$$F = 48.95^\circ$$

$$\frac{f}{\sin 48.95} = \frac{40}{\sin 53}$$

$$f = 37.713$$