

$$(1 - \operatorname{tg}x)/(1 + \operatorname{tg}x) = \operatorname{tgy}$$

$$x - y = P/6$$

$$(1 - \operatorname{tg}x)/(1 + \operatorname{tg}x) =$$

$$\operatorname{tg}(a+b) = \sin(a+b)/\cos(a+b) = (\sin a \cos b + \cos a \sin b)/(\cos a \cos b - \sin a \sin b) = (\operatorname{tga} + \operatorname{tgb})/(1 - \operatorname{tgatgb})$$

$$\operatorname{tg}(a-b) = \sin(a-b)/\cos(a-b) = (\sin a \cos b - \cos a \sin b)/(\cos a \cos b + \sin a \sin b) = (\operatorname{tga} - \operatorname{tgb})/(1 + \operatorname{tgatgb})$$

$$\operatorname{tg}(P/4 - x) = (\operatorname{tg}P/4 - \operatorname{tg}x)/(1 + \operatorname{tg}P/4 \operatorname{tg}x) = (1 - \operatorname{tg}x)/(1 + \operatorname{tg}x)$$

$$\operatorname{tg}(P/4 - x) = \operatorname{tgy}$$

$$p/4 - x = y + Pn$$

$$x - y = P/6$$

$$x + y = P/4 - Pn$$

$$2x = 5P/12 - Pn$$

$$x = 5P/24 - Pn/2$$

$$-2y = -P/12 + Pn$$

$$y = P/24 - Pk/2$$

OTBET (5P/24 - Pn/2; P/24 - Pk/2)

$$((\cos x - \sin x)/\cos x)/((\cos x + \sin x)/\cos x) = \sin y/\cos y$$

$$(\cos x - \sin x)/(\cos x + \sin x) = \sin y/\cos y$$

cosx != 0
 cosy != 0
 x != P/2 + Pk
 y != P/2 + Pk

5P/24 - Pn/2 != P/2 + Pk
 5/24 - n/2 = 1/2 + k
 5 - 12n = 12 + 24k
 24k + 12n = -7
 NOOOOOO

P/24 - Pn/2 = P/2 + Pk
 1 - 12n = 12 + 24k
 24k + 12n = -11
 NOOOOOO