FICHA DE TRABALHO 08

FÓRMULAS PARA ADIÇÃO DE ARCOS

I) SENO:

$$\text{sen}(a + b) = \text{sen}(a).\cos(b) + \text{sen}(b).\cos(a)$$

$$\text{sen}(a - b) = \text{sen}(a).\cos(b) - \text{sen}(b).\cos(a)$$

II) COSSENO:

$$\cos(a + b) = \text{sen}(a).\text{sen}(b) - \cos(a).\cos(b)$$

$$\cos(a - b) = \text{sen}(a).\text{sen}(b) + \cos(a).\cos(b)$$

III) TANGENTE:

$$\text{tg}(a + b) = \frac{\text{tg}(a) + \text{tg}(b)}{1 - \text{tg}(a) \cdot \text{tg}(b)}$$

$$\text{tg}(a - b) = \frac{\text{tg}(a) - \text{tg}(b)}{1 + \text{tg}(a) \cdot \text{tg}(b)}$$

EXERCÍCIO: Complete a tabela abaixo:

	15°	75°
sen		
cos		
tg		