COMPLETA

$$\arcsin\left[\sin\left(-\frac{\pi}{6}\right)\right] =$$
______,

$$\sin\left[\arctan\left(-\frac{4}{3}\right)\right] = \boxed{},$$

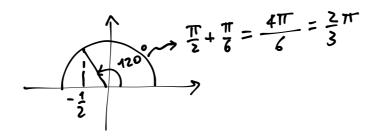
$$\cos\left(\arctan\frac{\sqrt{3}}{3}\right) = \boxed{2}$$
,

$$\cot\left[\arcsin\left(-\frac{1}{2}\right)\right] =$$

$$\arccos\left(\sin\frac{3}{2}\pi\right) = \boxed{1},$$

$$\tan\left[\arctan\left(-1\right)\right] = \boxed{-4}.$$

$$arccos\left[\sin\left(-\frac{\pi}{6}\right)\right] = arcos\left[-\frac{1}{2}\right] = \frac{2}{3}\pi$$

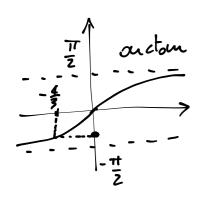


$$\sin \left[\arctan\left(-\frac{4}{3}\right)\right] =$$

$$tom d = \frac{\sin d}{\cos d}$$

$$tan^2x = \frac{\sin^2 x}{\cos^2 x}$$

$$\tan^2\alpha = \frac{\sin^2\alpha}{1 - \sin^2\alpha}$$



$$tan^{2}\alpha - sin^{2}\alpha ton^{2}\alpha - sin^{2}\alpha = 0$$

$$- sin^{2}\alpha \left(ton^{2}\alpha + 1\right) = -tan^{2}\alpha$$

$$sin^{2}\alpha = \frac{ton^{2}\alpha}{1+ton^{2}\alpha}$$

$$\sin\left[\arctan\left(-\frac{4}{3}\right)\right] = -\sqrt{\frac{\tan^2\left(\arctan\left(-\frac{4}{3}\right)\right)}{1+\tan^2\left(\arctan\left(-\frac{4}{3}\right)\right)}} = -\sqrt{\frac{16}{3}} = -\sqrt{\frac{16}{3}}$$

Il seus di un moss ha
$$-\frac{\pi}{2} = 0$$
 $= -\sqrt{\frac{16}{25}} = -\frac{4}{5}$

$$\cot\left(\operatorname{ausin}\left(-\frac{1}{2}\right)\right) =$$

$$=\frac{\cos\left(\operatorname{aucsin}\left(-\frac{1}{2}\right)\right)}{\sin\left(\operatorname{aucsin}\left(-\frac{1}{2}\right)\right)}=\frac{\sqrt{1-\sin^2\left(\operatorname{aucsin}\left(-\frac{1}{2}\right)\right)}}{-\frac{1}{2}}=$$

$$= \frac{\sqrt{1 - \frac{1}{4}}}{-\frac{1}{2}} = \frac{\sqrt{\frac{3}{4}}}{-\frac{1}{2}} = \begin{bmatrix} -\sqrt{3} \\ -\frac{1}{2} \end{bmatrix}$$

$$\frac{7600}{6t(-\frac{\pi}{6})} = \frac{60(-\frac{\pi}{6})}{\sin(-\frac{\pi}{6})} = \frac{\sqrt{3}}{-\frac{1}{2}} = -\sqrt{3}$$

VERO O FALSO?

a.
$$\arcsin \frac{1}{2} = \frac{5}{6}\pi$$

b.
$$\arctan \frac{\pi}{4} = 1$$

c.
$$\arcsin 0 = \arccos 1$$

F

e.
$$tan[arctan(-1)] = -$$

e.
$$tan[arctan(-1)] = -1$$

V

f.
$$\operatorname{arccos}\left(\cos\frac{1}{3}\right) + \operatorname{arccot}\left(\cot\frac{1}{3}\right) = \frac{2}{3}$$

d. $\cos\left(\arccos\frac{1}{2}\right) = \frac{\pi}{3}$

$$575 y = \arctan \frac{2x+3}{x-2}$$

Trovo il dominis

$$\times -2 \neq 0 => \times \neq 2$$

oucton(x) à sefimita

fer qualsion x

offere