Using math functions for trigonometric caluclations.
Triangle:

$$a = 3.000 \tag{1}$$

$$b = 4.000 \tag{2}$$

$$c = 5.000 \tag{3}$$

Calculate angle:

$$\alpha = atan(\frac{b}{a}) = atan(\frac{4.000}{3.000}) = 0.927 \tag{4}$$

Calculate a with α

$$a_2 = c \cdot cos(\alpha) = 5.000 \cdot cos(0.927) = 3.000 \tag{5}$$

Directly compare values:
wrong!
Compare values regard global *calcPrecision* with 10 decimal places:
correct!