$\cos(30) = \frac{x\sqrt{3}}{2x}$ [illegible] $\frac{x\sqrt{3}}{x\sqrt{3}}$

$= \frac{\sqrt{3}}{2}$ ✓

$\tan(30) = \frac{x}{x\sqrt{3}} = \frac{1}{\sqrt{3}}$ ✓

$\cos(45) = \frac{x}{x\sqrt{2}} = \frac{1}{\sqrt{2}}$

$\sin(45) = \frac{x}{x\sqrt{2}} = \frac{1}{\sqrt{2}}$ ✓

$\tan(45) = \frac{x}{x} = 1$

$\cos(60°) = \frac{\sqrt{3}}{2} = \frac{1}{2}$

$\sin(60) = \frac{x\sqrt{3}}{2x} = \frac{\sqrt{3}}{2}$ ✓

$\sin(12) = \frac{100}{H}$ ✓ $H = \frac{100}{\sin(12)} = 480,973434$

$\theta = \tan^{-1}\left(\frac{6,6}{10}\right)$ ✓

$\theta = 33,4248112$

$\overline{AB} = \cos(23) = \frac{a}{4}$

$\overline{AB} = 4\cos(23) = 3,6820941$ ✓

$\theta = \tan^{-1}\left(\frac{O}{A}\right) = \tan^{-1}\left(\frac{9}{3}\right) = 71,5650512$

$\theta = 71,5650512$ ✓

$\theta = \cos^{-1}\left(\frac{A}{H}\right) = \cos^{-1}\left(\frac{5}{9}\right)$

$\theta = 56,2510114$ ✓

$\theta = \sin^{-1}\left(\frac{3}{5}\right) = 36,8698976$ ✓

$\theta = \tan^{-1}\left(\frac{O}{A}\right) = \tan^{-1}\left(\frac{3}{6}\right)$ ✓

$\theta = 26,5650512$

$\theta = \sin(\theta) = \frac{F}{6}$

$\alpha = \cos(90° - \theta)$

$\alpha + \theta + 90° = 180°$

$\sin(30) = \frac{O}{4} = \frac{x}{2x} = \frac{1}{2}$

$\cos(30) = \frac{A}{4} = \frac{x\sqrt{3}}{2x}$

$\angle B = \frac{60,25}{29,744}$ $\theta = \tan^{-1}\left(\frac{A}{O}\right)$

$\theta = \tan^{-1}\left(\frac{7}{4}\right)$

~~$\theta = 60,255187$~~

$\theta = \tan^{-1}\left(\frac{4}{7}\right)$ ✓

$\theta = 29,7448813$

$\theta = \cos^{-1}\left(\frac{A}{H}\right) = \cos^{-1}\left(\frac{4}{7}\right)$

✓ $\theta = 55,1500954$

$\angle A(\theta) = \sin^{-1}\left(\frac{O}{H}\right) = \left(\frac{5}{8}\right)$ ✓

$\angle A = 38,6821875$

$\theta = \sin^{-1}\left(\frac{42}{100}\right)$ ✓ $\theta = 24,8345775$

$H = \frac{5}{\cos(40)}$

$\cos(40) = \frac{5}{H}$ ✓

$AB = 6,52703645$

$a = \frac{2}{\tan(65)} = 0,93261531$

$\tan(65) = \frac{a}{2}$ ✓

$AC = 0,9326$

$\cos(30) = \frac{A}{4}$ ✓ $A = 2\cos(30)$

$A = 1,87938554$

$AC = 4,17$

$\tan = \frac{O}{A}$ $O = \tan(35)5$ ✓

$O = 2,33153829$

$AC = 2,132$

$AB = 2,1788$

$CB = 3,3554$ ✓

$\sin(57) = \frac{OP}{4}$

$OP = \sin(57)4$

$OP = 3,35468221$

$4^2 = 3,35^2 + c^2$

$c^2 = 4^2 - 3,35^2$

$c = \sqrt{4,74610636}$

$c = 2,17855614$

$4^2 = OP^2 + c^2$

$16 = 2,17...^2 + 3,35...^2$

$16 = 16$

$16 - 16 = 0$

FG = 4,48 ✓

GH =

$\tan(42) = \frac{3}{ADJ}$

$\sin(42) = \frac{3}{HIP}$

$ADJ = \frac{3}{\tan(42)}$

$ADJ = 3,33$

$HIP = \frac{3}{\sin(42)} = 4,48342965$

$AB: 6,024$ $B = 20$

$\sin(20) = \frac{3}{H}$ $H = \frac{3}{\sin(20)}$ ✓

$H = 8,7714...$

$O = 5,43784672$ ✓

$O = 6\sin(65°)$

$\sin(65°) = \frac{OP}{6}$

$BC: 5,43$

$OP \approx 1,86523363$

$OP \approx 4,41 \cdot \sin(25)$ ✓

$HIP = 4,41351168$

$\cos(25) = \frac{4}{HIP}$

$AB = 4,41351168$ $CB = 1,86523363$

$\overline{YX} = 22,87$

$\sin(33) = \frac{OP}{HIP} = \frac{OP}{42}$

$\Sigma x = 3,52...\times 10^{2}$

$OP = 42\sin(33) = 22,8748305$

$\cos(33) = \frac{AD}{42}$ $c = \cos(33)42 = 35,224$

$42^2 \approx 35^2 + 22^2$ ✓

$a = b + c$

$\alpha = \frac{180}{\pi}$. $\alpha = 90°$

$AC = 2,2332441$ $BC = 6,385663$

$\sin(70) = \frac{OP}{HIP}$ $\tan(70) = \frac{6}{AD}$

$HIP = \frac{6}{\sin(70)}$ ✓ $ADJ = \frac{6}{\tan(70)}$

HIP = 6,38506663 ADJ = 2,1738...