

Alle Werte in cm

Linker Turm:

$$Z = 5 * \sin 67^\circ = 4,6$$

$$Y = 4,6 / \cos 37^\circ = 5,8$$

$$X^2 = 4^2 + 5,8^2 ; X = 7,0 ;$$
$$\alpha = \tan^{-1}(4 / 5,8) = 35^\circ$$

$$W = 7,0 / \cos 27^\circ = 7,9$$

$$V = 7,9 * \tan 27^\circ = 4,0$$

$$U = 4,0 * \sin 49^\circ = 3,0$$

$$T = 3,0 / \cos 52^\circ = 4,9$$

$$S = 4,9 * \sin 56^\circ = 4,1$$

$$R = 4,1 / \cos 24^\circ = 4,5$$

$$A = 4 / \cos 42^\circ = 5,4$$

$$B = 5,4 / \tan 50^\circ = 4,5$$

$$C = 4,5 * \tan 35^\circ = 3,2$$

$$D = 3,2 / \sin 58^\circ = 3,8$$

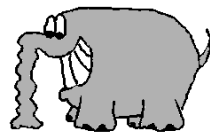
$$E = 3,8 / \cos 54^\circ = 6,5$$

$$F = 6,5 * \tan 25^\circ = 3,0$$

$$G^2 = 3^2 + 2^2 ; G = 3,6$$

$$H = 3,6 / \cos 15^\circ = 3,7$$

War gar nicht so schwer!



[Zurück zum Aufgabenblatt](#)