

$$1. \text{C.O} = 10$$

$$\theta = 30^\circ$$

$$h = ?$$

$$\sin(30) = \frac{10}{h}$$

$$\frac{10}{\sin(30)} = 20$$

$$2. h = 8.51$$

$$\text{C.O} = ?$$

$$\theta = 20^\circ$$

$$8.51 \cdot \cos(20^\circ) = 7.99$$

$$3. h = 8.51$$

$$\text{C.O} = ?$$

$$\theta = 20^\circ$$

$$8.51 \times \sin(20^\circ) = 2.91$$

$$4. h = 20$$

$$\text{C.O} = ?$$

$$\theta = 40^\circ$$

$$20 \times \cos(40^\circ) = 15.32$$

$$5. 100 \div \tan 45 = 100$$