



Known: R and W

$$B = C - R$$

$$d = A - B$$

$$A = W \times \sin 45^\circ$$

$$C = \frac{R}{\sin 45^\circ}$$

$$d = W \times \sin 45^\circ - \left(\frac{R}{\sin 45^\circ} - R \right)$$

$$d = (W - 2 \times R) \times \sin 45^\circ + R$$