(h) radius
$$= 2\pi \left[ \frac{GY}{3} - \frac{CY}{5} \right]$$

$$= 2\pi \left[ \frac{GY \times 5}{15} - \frac{CY}{5} \right]$$

$$= 2\pi \times \frac{128}{15}$$

$$= \frac{256\pi}{15}$$

The Bridge