

WolframAnswer $\stackrel{?}{=}$ MyAnswer

$$3 \cdot \frac{\pi}{6} (8\sqrt{2} - 7) \stackrel{?}{=} \pi \left[2(2^{3/2} - 1) - \frac{3}{2} \right]$$

$$\frac{\pi}{2} (8\sqrt{2} - 7) \stackrel{?}{=} \pi \left[2(2^{3/2} - 1) - \frac{3}{2} \right]$$

$$\frac{\pi}{2} (2^3 \cdot 2^{1/2} - 7) \stackrel{?}{=} \pi \left[2(2^{3/2} - 1) - \frac{3}{2} \right]$$

$$\pi (2^2 \cdot 2^{1/2} - \frac{7}{2}) \stackrel{?}{=} \pi \left[2(2^{3/2} - 1) - \frac{3}{2} \right]$$

$$\pi (2^2 \cdot 2^{1/2} - \frac{7}{2}) \stackrel{?}{=} \pi \left[2 \cdot 2^{3/2} - 2 - \frac{3}{2} \right]$$

$$\pi (2^2 \cdot 2^{1/2} - \frac{7}{2}) \stackrel{?}{=} \pi \left[2 \cdot 2^{3/2} + \left(-\frac{4}{2} - \frac{3}{2} \right) \right]$$

$$\pi (2^2 \cdot 2^{1/2} - \frac{7}{2}) \stackrel{?}{=} \pi \left[2 \cdot 2^{3/2} - \frac{7}{2} \right]$$

$$\pi (2^1 \cdot 2^{\frac{2}{2}} \cdot 2^{1/2} - \frac{7}{2}) \stackrel{?}{=} \pi \left[2 \cdot 2^{3/2} - \frac{7}{2} \right]$$

$$\pi (2 \cdot 2^{3/2} - \frac{7}{2}) \stackrel{\checkmark}{=} \pi \left[2 \cdot 2^{3/2} - \frac{7}{2} \right]$$