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Opgave 285

Opstille generel formel for at omregne radianer til grader

$$\frac{2\pi}{v_{rad}} = \frac{360}{v_{grad}}$$

$$v_{rad} \cdot 360 = v_{grad} \cdot 2\pi$$

$$v_{rad} = \frac{v_{grad} \cdot 2\pi}{360}$$

Opgave A)

$$v = \frac{54.2 \cdot 2\pi}{360}$$

$$v = 0,9459685$$

Opgave B)

$$v = \frac{135.8 \cdot 2\pi}{360}$$

$$v = 2,370157$$

Opgave C)

$$v = \frac{256.7 \cdot 2\pi}{360}$$

$$v = 4,48026$$

Opgave D)

$$v = \frac{341.7 \cdot 2\pi}{360}$$

$$v = 5,96379$$