

```

[> restart:
> b := simplify( $\frac{1}{\text{Pi}} \cdot \text{int}((\text{Pi} - x) \cdot \sin(n \cdot x), x = 0 .. \text{Pi})$  assuming (n, posint))
                                     b :=  $\frac{1}{n}$ 
[>

```

**(1)**