

Str. 48 / úloha 239

$$a = 3 \text{ m}$$

$$b = 4 \text{ m}$$

$$p = 200 \text{ Pa}$$

$$F = ? \text{ [N]}$$

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$$\boxed{p = \frac{F}{S}}$$

$\Rightarrow$

$$F = p \cdot S$$

$$F = 200 \cdot 12$$

$$\underline{\underline{F = 2400 \text{ N}}}$$

$$S = a \cdot b$$

$$S = 3 \cdot 4$$

$$\underline{\underline{S = 12 \text{ m}^2}}$$

Vitr tlačí loď silou 2400 N.