Answer on Question \#64486, Physics / Mechanics | Relativity
A motor boat on the river to move from point A from a float on the water outpaces supplies.After 60 minutes the boat changes direction and then again to the board at a distance of 6 km from point A appears.If boats can be assumed to be constant, to find water flow rate

Find: v-?
Given:
$\mathrm{t}=60$ minutes $=3600 \mathrm{~s}$
l=6 km=6000 m

## Solution:

Water flow rate:
$v=\frac{1}{t}(1)$
Of (1) $\Rightarrow v=1.67 \mathrm{~m} / \mathrm{s}$
Answer:
$1.67 \mathrm{~m} / \mathrm{s}(0.1 \mathrm{~km} / \mathrm{min}, 6 \mathrm{~km} / \mathrm{hour})$

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