Answer on Question #59839, Physics / Mechanics | Relativity

A bowling ball rolls 32 meters in 0.8 seconds. Find the average speed (in m/s) of the bowling ball in m/s.

Find: v – ?

Given:

s=32 m

t=0,8 s

Solution:

Average speed:

$$v = \frac{s}{t} (1),$$

where s – all the way,

t – all the time

Of (1) $\Rightarrow$ v=40 m/s

Answer:

40 m/s