Name: _____ Date: _____

Math problem on motion

Today we will check your knowledge on the topic of motion problems

transport	hour	speed	distance
bus	4	56	
airplane	5		4250
truck		50	350
moped		43	129
bicycle	2		34
motorboat	3	45	

The motorboat covered 8 km on the lake in 40 minutes, and 42 km on the river in 2 hours, while the boat's motor was working with the same power throughout. Find the speed of the river current

8 km = ( ) m 42 km = ( ) m

2 h = ( ) min

The speed at which the boat moved on the lake is ( )

The speed at which the boat moved on the river is ( )

The speed of the river is ( )

The answer is ( )

From points A and B, which are 60 km apart, two drones flew towards each other simultaneously. One flew at a speed of 120 km/h, while the other flew at 80 km/h. When will the drones be above the same object?

The answer is ( ) min

by Mariana Yasinska

LIVEWORKSHEETS