

**Bad Day Boris - WS2**  
*distance = speed x time*

Name: \_\_\_\_\_  
1 2 3 4 5 6 7 8

1) Boris the bear is lumbering along at a constant rate of 4 m/s. If he walks for 600 seconds, how far will he travel?

d = \_\_\_\_\_ m



2) Because of his slow walk, Boris missed the bus. Lucky for Boris however, there is another bus stop 1000 meters away. If the bus is arriving in 180 seconds, how fast must he run?

S = \_\_\_\_\_ m/s

3) Despite arriving on time, Boris was not allowed to ride on the bus because of his bear like appearance. Sadly, Boris made the long, 8,000 m walk to work walking at a rate of 3.6 m/s. How long did it take him to get to work?

t = \_\_\_\_\_ s

4) After a long day at work in the coal mines, Boris began his trek home. If Boris walks 300 m in 110 seconds, how long will it take him to make the 10000 m trip home?

t = \_\_\_\_\_ s

5) Finally making it home, Boris realizes that he forgot his keys at work. In a fit of sheer frustration, he yells at the top of his lungs (sound travels at 340 m/s). If his uncle Demetri heard the roar 3.4 seconds later, how far does Boris live from Demetri's house?

d = \_\_\_\_\_ m

6) Jumping onto his skateboard, Boris starts heading towards Demetri's house at a constant 7 m/s. While 25 meters from an intersection moving north, another car approaches the intersection traveling east at 20 m/s, from 50 meters. Will Boris get hit by a car to finish his terrible day? Or will he narrowly escape death to be comforted by family?

Lives / Dies