

Science 10
Quiz – Average Speed Problems #1

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Name - _____

Date - _____

Solve the following problems on your own paper. Work must be shown for full value.

1. In 1979, Bryan Allen pedaled the *Gossamer Albatross* aircraft 35.0 km across the English Channel in a time of 2.8 h.
 - (a) Calculate the average speed of the aircraft in km/h. (5)
 - (b) Assuming that he maintained this same average speed, what total distance could he cover in 5.3 hours? (6)

2. In 1997, Thrust SSC, the world's fastest jet-engine car, travelled 604 m at an average speed of 341 m/s. How long did it take, in minutes, to travel 604 m? (7)