Week 2 - Assignment 2.4

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1. Assuming R=1, the energy used (in Wh/m) is

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 300-310
(Type Range) 305-365

2. Assuming R=0.3, the energy used (in Wh/m) is

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 350-335
(Type Range) 350-365

3. What is the total distance travelled? (in km)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 4.4-4.6

4. Assuming R=1, the energy used per km (in Wh/km) is

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 49.72
(Type Range) 77.62

5. Assuming R=0.3, the energy used per km (in Wh/km) is

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 72.70
(Type Range) 77.62

The sedan now goes from 0 to 25 kmph in 15 seconds, travels at 25 kmph for 2 minutes, speeds up to 50 kmph in another 15 seconds, travels for 4 minutes at 50 kmph and then decelerates to 0 kmph in 20 seconds.

6. Assuming R=1, the energy used (in Wh/m) is

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 310-315
(Type Range) 300-305

7. Assuming R=0.3, the energy used (in Wh/m) is

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 312-325
(Type Range) 340-360

8. What is the total distance travelled? (in km, correct upto 3 dp)

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 4.45-4.6

9. Assuming R=1, the energy used per km (in Wh/km) is

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 69.70
(Type Range) 74.79

10. Assuming R=0.3, the energy used per km (in Wh/km) is

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type Range) 69.72
(Type Range) 74.79