
Task #1

Calculate the acceleration of a car that goes from rest to 50 m/s in 12 seconds.

Do Knowns/Unknowns; Plug & Chug; Answer w/ units

Task #2

Calculate the distance that Jose runs if he has a velocity of 8.3 m/s and runs for 75 seconds.

Do Knowns/Unknowns; Plug & Chug; Answer w/ units

Task #3

Do the following conversions.

Make sure to show your fence posts!

- (a) Convert 250 m to km
 - (b) Convert 800 mi to yd
 - (c) Convert 14 hours to minutes
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Task #4

How much kinetic energy does a 1500-kg plane have if it travels at 50 m/s?

Do Knowns/Unknowns; Plug & Chug; Answer w/ units

Task #5

Draw a graph for the following story:

- (a) I start at school and drive forward 2 miles in 4 minutes.
 - (b) Then I get stopped at a red light for 1 minute.
 - (c) The light turns green and I go forward 2 miles in 5 minutes.
 - (d) I turn around and go back to school because I forgot my phone. It makes me 6 minutes to get back.
 - (e) It then takes me 4 minutes to go 1 mile forward because of traffic.
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