



Calculate the force if the pressure is 500N/m^2 and the area is 20m^2

Sophia is x years old.
Tom is 3 years older than Sophia.
Patryk is twice as old as Sophia.
The total of their ages is 51.

Write an expression for Tom's age in terms of x .

Write an expression for Patryk's age in terms of x .

Form an equation in x and solve it to work out Sophia's age.

Miss Green completes a journey in 3 stages.

In stage 1, she drives at a speed of 40km/h for 45 minutes.

In stage 2, she drives at 60 km/h for 2 hours 9 minutes.

Altogether, over the 3 stages, Miss Green drives 171.6km in 3 hours 15 minutes

How far did Miss Green travel in stage 1?

What is her average speed, in km/h , in stage 3?