Working with Averages - Step-by-Step Lesson

At the Acme Rubber Band factory, the manager was asked the average number of hours her part time workers were putting in each week. She has amassed all the hours of the part time employees, below, over the last week. Determine the average number of hours her part time employees put in last week.

Nadine – 32.5 hours, Tim – 26.25 hours, Mitch – 34.8 hours, Liz – 14.6 hours, Kevin – 34.5 hours, Kelsey – 23.75 hours, Sandra – 14.75 hours, Pat 37.25 hours

Explanation:

An average is the sum of all the values divided by the total number of values. In this this case we have 8 values for hours worked. So, to write this as an equation, the solution will be formed by - sum of all 8 values ÷ 8.

Now we just replace that equation we formed with the actual values.

(32.5 + 26.25 + 34.8 + 14.6 + 34.5 + 23.75 + 14.75 + 37.25) ÷ 8

218.4 ÷ 8 = 27.3

So the average number of hours worked by a part time employee is 27.3 hours.