

Alessiano's dream

He wants to buy his first car using his money. Not his parents money (What a guy)!

PROBLEM: He wants to work out when he will have enough money to buy his own car.

YOUR TASK: Using the below information and the 'pay rate & hours worksheet' you already have, you need to work out the exact year and week he will earn enough money to buy his dream car.

INFORMATION YOU NEED:

At the start of each year, Alessiano gets an hourly pay rise.

For example: At the start of his 2nd year, he will earn \$8.50 for bins. At the start of his 3rd year he will earn \$10 for bins. This will also happen for cutting grass and washing cars.

Every year, he works **exactly** the same hours every Feb-April and May-July.

Every year his August - October and November - January hours are **always exactly** the same as his May-July hours.

HOW YOU ARE REQUIRED TO COMPLETE THIS TASK:

In your Maths book, you will neatly:

1. Show all your working out, including examples of the split, doubling and vertical multiplication strategies.
2. Show how much he will earn each year.
3. Show how much he will earn for each job each year.
4. Write your answer including exactly what he will earn for each job, until he earns enough to buy his dream car.



For example: Alessiano will earn \$38,999 in week 16 of year 5. During this time he will earn \$12,700 for bins, \$15,300 for cutting grass and \$10,999 for washing cars. I have included all my working out which shows how much he will earn for each job during each year and how much he will earn each year.

Make sure you include a heading and date at the top of each page and double underline your answers for each question you solve.

Good luck!