

**Work out the answers to the following**

**Question 1**

- a  $\frac{1}{2}$  of \$50 = \_\_\_\_\_      b  $\frac{3}{5}$  of \$800 = \_\_\_\_\_      c  $\frac{1}{10}$  of 20 hours = \_\_\_\_\_

**Question 2**

**Work out the following.**

- a  $\frac{7}{10}$  of 300 = \_\_\_\_\_      b  $\frac{2}{5}$  of 40 = \_\_\_\_\_      c  $\frac{3}{5}$  of 80 = \_\_\_\_\_

**Question 3**

**Work out the following**

- a  $\frac{1}{4}$  of \$464 = \_\_\_\_\_      b  $\frac{1}{2}$  of 60 = \_\_\_\_\_      c  $\frac{1}{3}$  of 39 = \_\_\_\_\_

**Question 4**

The Walsh children fight like cats and dogs over computer time and their dad has had enough. He has drawn up a schedule and says that if they don't stick to it, he will hide the keyboard till Christmas and cut off the internet. Help them work out their daily allocation and save them from a fate worse than death:

- a How many minutes does each child get each day?

Dylan

Nina

Natasha

- b How many minutes must Dylan spend on study?

\_\_\_\_\_

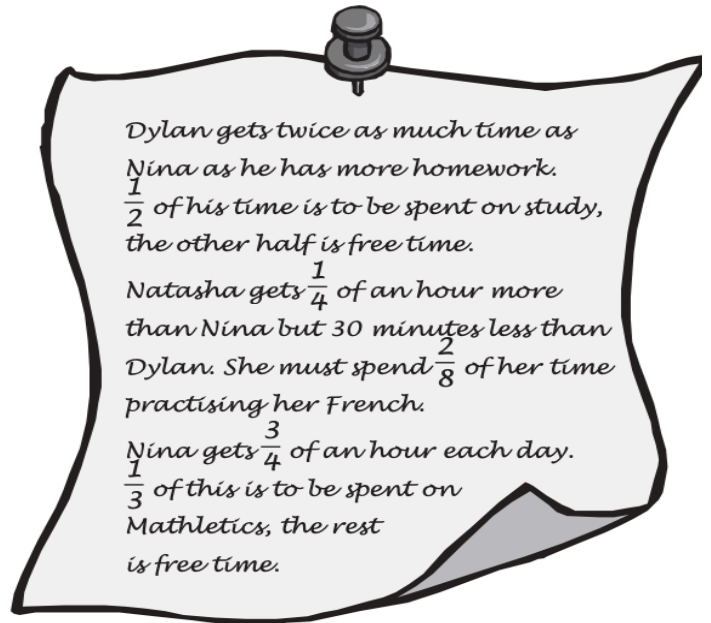
- c How many minutes will Nina spend on Mathletics?

\_\_\_\_\_

- d Express the time allocations as fractions of an hour:

Dylan

Nina



Dylan gets twice as much time as Nina as he has more homework.  $\frac{1}{2}$  of his time is to be spent on study, the other half is free time.

Natasha gets  $\frac{1}{4}$  of an hour more than Nina but 30 minutes less than Dylan. She must spend  $\frac{2}{8}$  of her time practising her French.

Nina gets  $\frac{3}{4}$  of an hour each day.  $\frac{1}{3}$  of this is to be spent on Mathletics, the rest is free time.



This one is a puzzle. Read all the clues carefully – one of them is your starting point. Once you have solved that all important first clue, the rest will follow.