Name _____   Date _____

Fearless with fractions

Calculate what fraction remains, then give it a value.

1. (a) At the car wash fundraiser on Saturday, the Splash Team washed $\frac{1}{2}$ the total cars, the Clean Team washed $\frac{1}{4}$ of the total and the Sudz Team washed the last 10 cars.

How many cars did the Splash Team and the Clean Team each wash? _____

_____

(b) Draw a diagram illustrating the fractional parts and numbers of cars to check your solution.
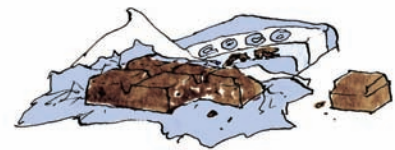
2. (a) When the house had to be painted, the O'Carroll family invited their uncles to help out. Uncle Noel painted for $\frac{1}{3}$ the total number of hours needed for the whole job, Uncle Joe painted $\frac{1}{4}$ of the total hours and Old Uncle Freddie managed $\frac{1}{6}$ of the hours. There were 15 hours of work left for Uncle Ted to complete the job.

How many hours did each Uncle work? _____

_____

(b) Draw a diagram to show your solution.

3. In the Chompy Chocolate Drive at their school, Class 5J sold 20%, 5S sold 30%, 6K sold 25%, and 10% was sold by 6C. The rest were sold by 6M for £450.

How much money did 5J and 5S each make? _____

_____

Star Maths Puzzles and Problems ✦ Year 6
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