Q1. Police officials from Angus came across the following scenarios in the past ten years:

* 10,198 robberies
* 278 murders
* 67, 952 traffic incidents

Can you round these figures to the nearest 10, 100 and 1000 so the police are able to print them in the local newspaper?

Q2. Suspects arrested for one of the recent robberies had the following badge numbers:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Suspect 1: | 34.5621 | Suspect 2: | 109.5631 | Suspect 3: | 67.098 |

(a) Round these suspect numbers to (i) 2 decimal places (ii) 1 decimal place

(b) The guilty suspect’s number rounded to the nearest whole number was an even number – who was guilty?

Q3. Blood tests were taken on the guilty suspect and it revealed that the following substances were present in the amounts stated:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Substance A | Substance B | Substance C | Substance D | Substance E |
| 0.42 | $$\frac{17}{20}$$ | 59% | $$\frac{3}{5}$$ | 75% |

(a) Copy the number line below into your jotter and order the above substances:



![C:\Users\Lindsay\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\3BG8CWQK\MC900286957[1].wmf]()(b) Pick any 3 percentages and write them as a decimal, and a fraction.