Justuaths Who, where and when?

## Who?

One of the following four people has committed a crime.
The criminal made 2 errors, the victim has made 0 errors and the other two suspects have made 1 error.

The plumber made the following statements:

- $972 \times 18 \approx 20,000$
- $(5.67-3.85) \times(39) \approx 40$
- $0.39^{2} \approx 0.16$
$(34.2)^{2} \approx 90$


The carpenter made the following statements:

$$
\begin{aligned}
& \text { - } \sqrt{ } 413 \approx 20 \\
& \text { - } 36.8 \times(5.7+6.4) \approx 480 \\
& \text { - } 0.143 \div 0.116 \approx 1 \\
& \text { - } 159 \div 512 \approx 2.5
\end{aligned}
$$

The photographer made the following statements

- $7.2 \times 9.7 \approx 70$
- $4.189 \div 0.477 \approx 8$
- $4.19 \times 6.68 \approx 28$
- $105.6 \div 5.12 \approx 20$



## Where?

The murder was committed at one of the locations below, but which one? It happened where BOTH answers are the same.

| The lounge | $3.8 \times \sqrt{ } 385 \approx$ <br> $\frac{543}{18.1}+\frac{472}{10.9} \approx$ |
| :---: | :--- |
| The hall | $96.6 \times 4.9^{2} \approx$ <br> $\frac{28.2 \times 3.14}{8.99} \approx$ |
| The gardens | $\frac{54.3+47.2}{9.8+10.9}$$\frac{\sqrt{ }(5.21 \times 8.35 \times 0.105)}{1.72^{2}}$ |
|  | $\frac{\frac{2.5 \times 3.6}{5.9} \approx}{}$$\frac{0.21 \times 98}{103.1 \div 9.6} \approx$ <br> The kitchen |

## When?

Find the day where BOTH statements are correct:

| Monday | $\left(7.89 \times 10^{5}\right) \div\left(4.73 \times 10^{3}\right) \approx 1.6 \times 10^{2}$ <br> $\left(1.98 \times 10^{5}\right) \times\left(4.65 \times 10^{4}\right) \approx 1 \times 10^{9}$ |
| :---: | :--- |
| Tuesday | $\left(1.25 \times 10^{3}\right)^{2} \div\left(3.6 \times 10^{4}\right) \approx 25$ <br> $\left(1.5 \times 10^{8}\right) \times\left(7.2 \times 10^{-4}\right) \approx 1.4 \times 10^{-4}$ |
| Wednesday | $\left(3.64 \times 10^{7}\right) \times\left(2.4 \times 10^{-5}\right) \approx 8 \times 10^{2}$ |
| $\left(4 \times 10^{7}\right) \div\left(2 \times 10^{-5}\right) \approx 2 \times 10^{2}$ |  |\(\left|\begin{array}{c|}\hline Thursday <br>

\hline Friday <br>
\hline\left(5.84 \times 10^{4}\right) \div\left(2.68 \times 10^{-2}\right) \approx 2 \times 10^{6} <br>

\left(3.52 \times 10^{4}\right) \times\left(1.44 \times 10^{8}\right) \approx 4 \times 10^{12}\end{array}\right|\)| $\left(5.59 \times 10^{2}\right) \div\left(1.87 \times 10^{5}\right) \approx 3 \times 10^{-3}$ |
| :--- |
| $\left(8.17 \times 10^{-3}\right) \div\left(1.52 \times 10^{-2}\right) \approx 4 \times 10^{-5}$ |


| The Accusation |  |
| :---: | :---: |
| Who |  |
| Where |  |
| When |  |

