

The Plates

Workspace

- 1.** The eyewitness recalled that the next letter on the license plate may have been the letter X. If this is true, how does this help narrow down the search? How many fewer plates license plates would the police have to run a search on if they knew the first three letters?.

Answer:

- 2.** It it takes $\frac{1}{10}$ of a second to run a search on 1000 plates, how long would it take to run a search for both scenarios? How much time could the police save if they knew for the next letter on license plate was absolutely the letter X?

Answer:

The Plates

3. Why was it crucial for the eyewitness to know some of the license plate?

4. How many license plates are available in the City of Skullzton? How long would it take to run a search on all the license plates?

Answer: