

Clue # 1

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=5$ $x=\frac{3}{7}$ | A venomous snake did not bite the victim. |
| $x=0$ $x=7$ | A cougar did not maul the victim. |
| $x=0$ $x=\frac{3}{7}$ | Mrs. Gamma was preparing a snack in the kitchen. |
| $x=5$ $x=15$ | Dr. Alpha was listening to music in the atrium. |



Clue # 2

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=3$ $x=-2$ | The murder was not an assault with a firearm. |
| $x=2$ $x=-3$ | Miss Beta was watching a movie in the theater. |
| $x=6$ $x=-1$ | Professor Delta was using her iPad by the pool. |
| $x=-6$ $x=1$ | The victim did not have a venomous bite. |



Clue # 3

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=6$ $x=-4$ | Chemical poisoning was not the cause of death. |
| $x=2$ $x=-12$ | Professor Delta was rearranging the equipment in the gym. |
| $x=3$ $x=-8$ | Coach Omega was tanning by the pool. |
| $x=4$ $x=-6$ | A venomous snake did not bite the victim. |



Clue # 4

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=4$ $x=8$ | Mr. Alpha was drinking tea by the pool. |
| $x=4$ $x=-8$ | The victim did not drown. |
| $x=-4$ $x=8$ | A cougar did not maul the victim. |
| $x=2$ $x=4$ | Miss Beta was painting in the atrium. |



Clue # 5

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=3$ $x=6$ | Professor Delta was swimming in the pool. |
| $x=-5$ $x=6$ | Chemical poisoning was not the cause of death. |
| $x=5$ $x=6$ | A cougar did not maul the victim. |
| $x=5$ $x=-6$ | Mrs. Gamma was reading in the library. |



Clue # 6

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=-\frac{2}{3} x=-\frac{2}{3}$  | Mr. Epsilon was writing a novel in the atrium. |
| $x=\frac{2}{3} x=\frac{2}{3}$  | The victim did not have a venomous bite. |
| $x=-\frac{3}{2} x=-\frac{3}{2}$  | The murder was not an assault with a firearm. |
| $x=\frac{3}{2} x=\frac{3}{2}$  | Miss Beta was in a conference in the library. |



Clue # 7

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=\frac{1}{9}$ $x=-1$ | The victim did not have a venomous bite. |
| $x=-\frac{1}{3}$ $x=\frac{1}{3}$ | Miss Beta was reading in the kitchen. |
| $x=-\frac{1}{9}$ $x=1$ | Dr. Alpha was on the treadmill in the gym. |
| $x=9$ $x=-1$ | The victim did not die by electrocution. |



Clue # 8

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=-2$ $x=-3$ | The victim did not drown. |
| $x=2$ $x=-3$ | Miss Beta was exercising in the gym. |
| $x=1$ $x=-6$ | Professor Delta was changing a light bulb in the library. |
| $x=2$ $x=3$ | The victim was not electrocuted. |



Clue # 9

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=2$ $x=9$ | A cougar did not maul the victim. |
| $x=\frac{3}{2}$ $x=-\frac{3}{2}$ | The murder was not an assault with a firearm. |
| $x=\frac{9}{2}$ $x=-\frac{9}{2}$ | Coach Omega was swimming laps in the pool. |
| $x=\frac{3}{2}$ $x=9$ | Professor Delta was reading in the library. |



Clue # 10

Solve the quadratic equation by factoring.



|  |  |
| --- | --- |
| $x=-4$ $x=2$ | Coach Omega moving tables in the library. |
| $x=\frac{4}{3}$ $x=2$ | Professor Delta laying by the pool. |
| $x=-2$ $x=2$ | The murder was not an assault with a firearm. |
| $x=-\frac{4}{3}$ $x=2$ | The victim was not mauled by a cougar. |
| **Who is the killer?***(The three boxes left unchecked will reveal the crime.)* |
| **The Players**Dr. Alpha\_\_\_\_Miss Beta\_\_\_\_Mrs. Gamma\_\_\_\_\_Professor Delta\_\_\_\_\_Mr. Epsilon\_\_\_\_Coach Omega \_\_\_\_\_ | **The Last Known Whereabouts**Atrium\_\_\_\_\_Gym\_\_\_\_\_Kitchen\_\_\_\_Library\_\_\_\_\_Movie Theater\_\_\_\_\_Pool\_\_\_\_\_ | **The Method**Chemical Poisoning\_\_\_\_\_Drowning\_\_\_\_\_Electrocution\_\_\_\_\_Firearm Assault\_\_\_\_Mauled by a Cougar\_\_\_\_\_Venomous Bite\_\_\_\_\_ |

**It was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ by**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_!**