

Who, where and when?

Who?

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

The ICT teacher made the following statements:

- $(3 + 3) \times 4 = 24$ ✓
 $6 \times 4 = 24$
- $4 \times 2 - 5 = 3$ ✓
 $8 - 5 = 3$
- $(21 \times 1) - 2 = 19$ ✓
 $21 - 2 = 19$
- $2 \times 1 \times 4 = 8$ ✓

SUSPECT



The history teacher made the following statements:

- $(5 + 7) \div 6 = 2$ ✓
 $12 \div 6 = 2$
- $(5 \times 4) + 2 = 22$ ✓
 $20 + 2 = 22$
- $5 \times 3 + 5 = 20$ ✓
 $15 + 5 = 20$
- $10 - 3 \times 3 = 21$ ✗
 $10 - 9 = 1$



The maths teacher made the following statements:

- $(9 - 4) + 5 = 10$ ✓
 $5 + 5 = 10$
- $5 \times (2 + 3) = 25$ ✓
 $5 \times 5 = 25$
- $20 \div 4 + 1 = 6$ ✓
 $5 + 1 = 6$
- $20 \div (4 + 1) = 4$ ✓
 $20 \div 5 = 4$

The English teacher made the following statements

- $2 \times (15 - 2) = 26$ ✓
 $2 \times 13 = 26$
- $7 - (4 + 2) = 5$ ✗
 $7 - 6 = 1$
- $14 + 6 \times 3 = 60$ ✗
 $14 + 18 = 32$
- $24 \div 6 - 2 = 2$ ✓
 $4 - 2 = 2$

CRIMINAL



Where?

The murder was committed at one of the locations below, but which one?
It happened where ALL the calculations are correct.

<p>$9 + 16 = 25$ →</p> <p>The maths classroom →</p> <p>$3 \times 16 + 3 \times 25 = 48 + 75 = 123$ →</p>	<p>$5^2 \div 5 = 25 \div 5 = 5$</p> <p>$(2 + 3)^2 \div \sqrt{25} = 5$ ✓</p> <p>$3^2 + 4^2 = 25$ ✓</p> <p>$3 \times 4^2 + 3 \times 5^2 = 219$ ✗</p>
<p>The dining hall</p>	<p>$7 \times (4 \div 2) \div (3 \times 5 - 1) = 1$ ✓</p> <p>$3 \times \sqrt{25} + 2 \times 3^2 = 153$ ✗ $15 + 18 = 33$</p> <p>$5 \times 2 + 3 = 13$ ✓</p> <p>$25 - 20 + 3 = 8$</p>
<p>The gym</p>	<p>$25 - 5 \times 4 + 3 = 83$ ✗</p> <p>$6 + 3 \times 5 - 12 \div 2 = 15$ ✓</p> <p>$15 - 5 \times 4 = 40$ ✗</p>
<p>The playing fields →</p> <p>$8 + 36 \div (5 + 6) = 44 \div 11 = 4$ ✓</p>	<p>$(3 + 4)^2 = 49$ $7^2 = 49$ ✓</p> <p>$(2^3 + 6^2) \div (\sqrt{25} + 2 \times 3) = 4$ ✓</p> <p>$2 \times (4 + 2)^2 = 72$ ✓</p>

When?

Find the day where **BOTH statements** are correct:

<p>Monday</p>	<p>$18 \times 2 = 36$ $3 \times 12 = 36$ ✓</p> <ul style="list-style-type: none"> $(3 \times 6) \times 2 = 3 \times (6 \times 2)$ ✓ $3 \times ? + 2 = 17$ the missing number is 8 5
<p>Tuesday</p>	<p>$6 + 7 = 13$ $4 + 9 = 13$ ✓</p> <ul style="list-style-type: none"> $(4 + 2) + 7 = 4 + (2 + 7)$ ✓ $3? \times 8 - 2 = 22$ the missing number is 8 3
<p>Wednesday</p>	<p>$6 - 1 = 5$ $8 - 1 = 7$ ✗</p> <ul style="list-style-type: none"> $(8 - 2) - 1 = 8 - (2 - 1)$ ✗ $(2 \times ?) - (14 \div 2) = 5$ the missing number is 6 ✓
<p>Thursday</p>	<p>$2 \div 2 = 1$ $8 \div 2 = 4$ ✗</p> <ul style="list-style-type: none"> $(8 \div 4) \div 2 = 8 \div (4 \div 2)$ ✗ $3 \times (1 + ?) - (5 \times 2) = 5$ the missing number is 4 ✓
<p>Friday</p>	<p>18 18 ✓</p> <ul style="list-style-type: none"> $3 \times 3 \times 2 = (3 \times 2) \times 3$ ✓ $4 \times (? + 2) - (24 - 5) = 1$ the missing number is 3 ✓

The Accusation

<p>Who</p>	
<p>Where</p>	
<p>When</p>	