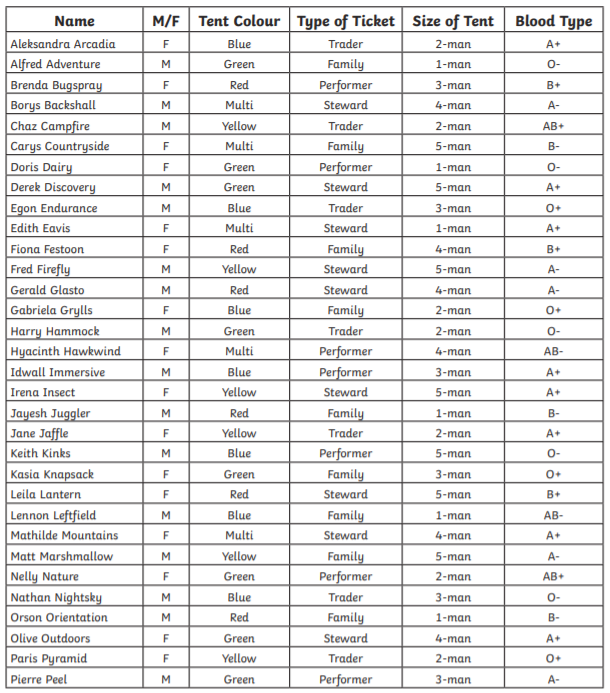
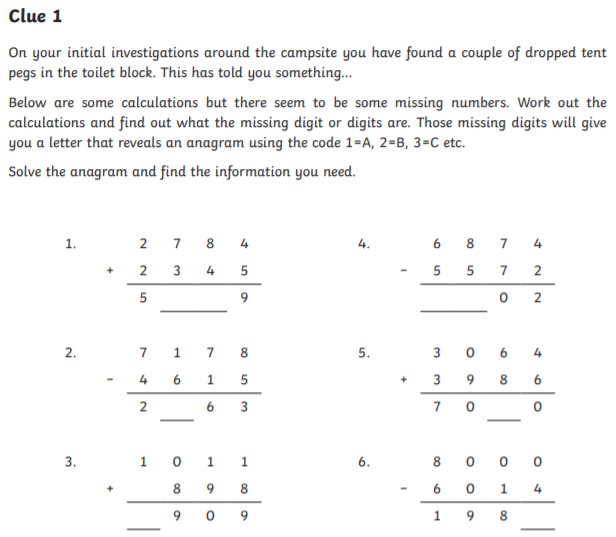




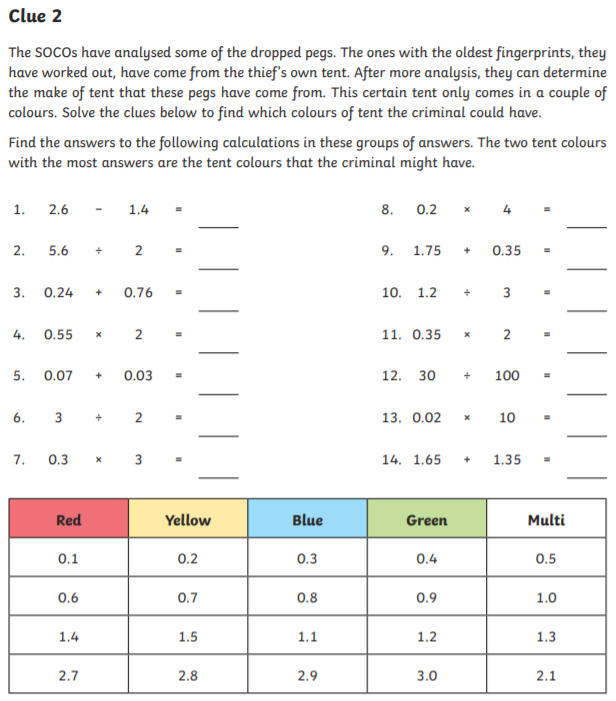
**Detective name:**

|  |
| --- |
|  |

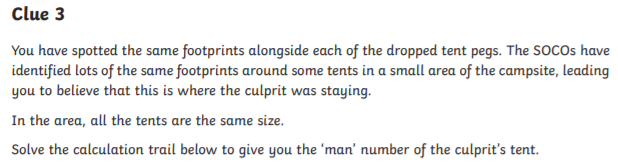


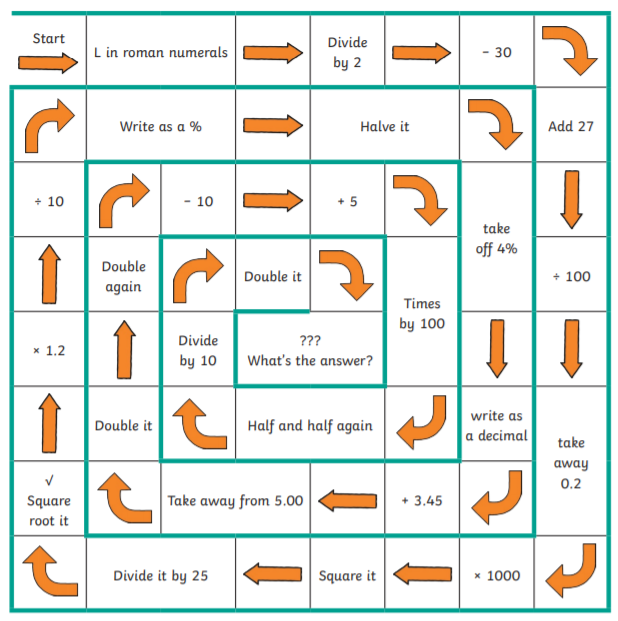


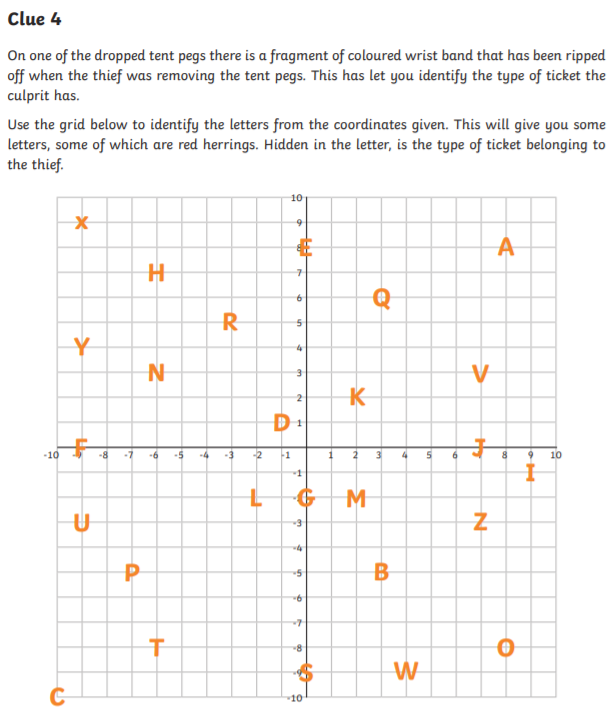




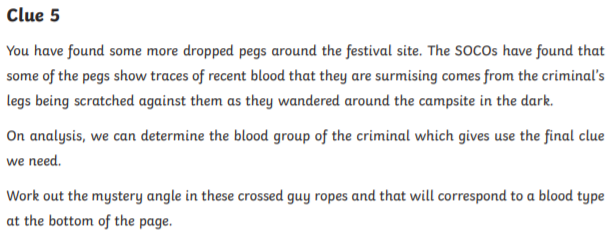


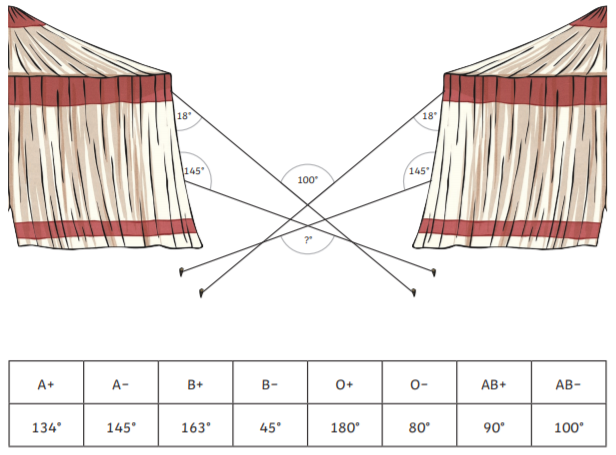












**This one is tricky!**

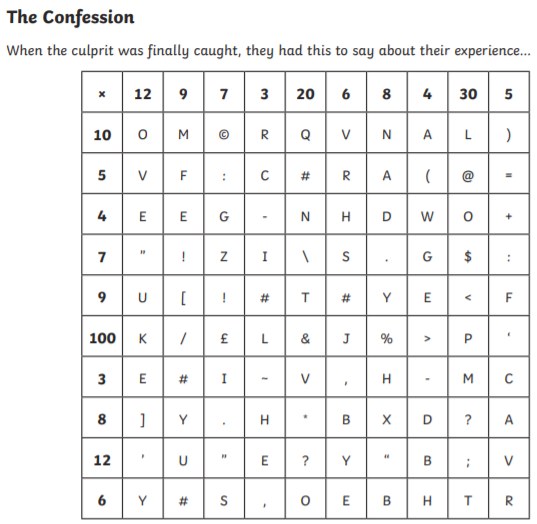
**Tips: 3 angles in a triangle add up to 180°**

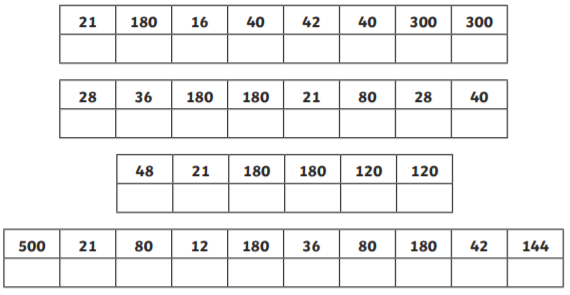
**Angles in a quadrilateral (4 sided shape) add up to 360°**

**Angles in a straight line add up to 180°**

**Opposite angles are equal on crossed lines.**

**Strategy: fill in any missing angles you can find until you have enough information to find the one we’re looking for.**





**The Mystery of the Festival Camping Chaos- Answers**

|  |  |  |
| --- | --- | --- |
| Clue | Answers | |
| 1 | 1.  2.  3. | 4.  5.  6. |
| 2 | 1.  2.  3.  4.  5.  6.  7. | 8.  9.  10.  11.  12.  13.  14. |
| 3 |  | |
| 4 | \_ \_ \_ \_ \_ \_ \_ \_ \_ | |
| 5 | Missing angle = **°** | |
| 6 | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 21 | 180 | 16 | 40 | 42 | 40 | 300 | 300 | |  |  |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | 28 | 36 | 180 | 180 | 21 | 80 | 28 | 40 | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | 48 | 21 | 180 | 180 | 120 | 120 | |  |  |  |  |  |  |      |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 500 | 21 | 80 | 12 | 180 | 36 | 80 | 180 | 42 | 144 | |  |  |  |  |  |  |  |  |  |  | | |
|  | The culprit is… | |