**LOGIC PUZZLES**

**Can you work out the surnames of these 5 students?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Sarah | Tony | Jemma | Jamie | Karl |
| Thompson |  |  |  |  |  |
| Fin |  |  |  |  |  |
| Davis |  |  |  |  |  |
| Smithy |  |  |  |  |  |
| Todd |  |  |  |  |  |

1. Jemma’s surname is shorter than   
 her first name  
  
2. Karl has more letters in his surname  
 than in his first name  
  
3. The Davis family only has daughters  
  
4. Two people have the same initials

**Use the clues to work out the exam marks for these 5 students**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 76 | 60 | 52 | 48 | 30 |
| Amy |  |  |  |  |  |
| Ben |  |  |  |  |  |
| Cara |  |  |  |  |  |
| Dan |  |  |  |  |  |
| Emily |  |  |  |  |  |

1. The top mark went to a girl

2. Dan did better than Cara

3. Ben got the median mark  
  
4. Emily’s mark was twice Cara’s

**5 friends, Anne, Beth, Colin, David and Emma live in a row of houses numbered 31, 32, 33, 34 and 35. Can you work out who lives in which house?**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 31 | 32 | 33 | 34 | 35 |
| Anne |  |  |  |  |  |
| Beth |  |  |  |  |  |
| Colin |  |  |  |  |  |
| David |  |  |  |  |  |
| Emma |  |  |  |  |  |

1. Anne’s house has an odd number

2. Colin’s house number is in the   
 5 times table  
  
3. David’s house is between Anne’s house  
 and Colin’s house  
  
4. Beth’s house number is one more than   
 Emma’s house number

**Sally, Simon and Sue go to a café and order 3 drinks (Cola, Lemon and Orange) and 3 ice-creams (Solero, Magnum and Fab). Can you work out who has what?**

|  |  |  |
| --- | --- | --- |
| Sally |  |  |
| Simon |  |  |
| Sue |  |  |

1. Sally has the Solero but not the lemon  
  
2. The person who has the Orange drink   
 also has the Fab, and is a boy.