## Further Challenge

I am thinking of a 3-digit number.


When it is divided by 2 , the
remainder is 1

When it is divided by 5 , the remainder is 4

What is my number?
Possible answers:
129

| 129 | 219 |
| :--- | :--- |
| 309 | 399 |
| 489 | 579 |
| 669 | 759 |
| 849 | 939 |
|  |  |
| Encourage |  |
| children to think |  |
| about the |  |
| properties of |  |
| numbers that work |  |
| for each individual |  |
| statement. |  |


| This will help |
| :--- |
| decide the best |
| starting point. |



Sometimes
Possible answers:
$432 \div 1=432 \mathrm{r} 0$
$543 \div 2=271 r 1$
$654 \div 3=218 \mathrm{r} 0$
$765 \div 4=191 r 1$
$876 \div 5=175$ r 1
$987 \div 6=164$ r 3

