

From White Rose Maths schemes for Year 5 Autumn Term BLOCK I - PLACE VALUE

1) What number is represented?

| $10,000 \mathrm{~s}$ | $1,000 \mathrm{~s}$ | 100 s | 10 s | Is |
| :---: | :---: | :---: | :---: | :---: |
| 10000 | 10000 | 1000 | 1000 | 100 |
|  | 1000 | 10 | 1 | 1 |
|  |  | 10000 | 1000 | 100 |
| 100 |  |  | 1 |  |



Is Amir correct? $\qquad$
Explain your answer.

2) Complete the calculations.
$52,509=50,000+\square+500+9$



3 In a game, people have some play money to buy houses.

Each person starts with this amount of money.


How much money do they each start with?

4) Circle all the numbers that round to 5,650 to the nearest 10

$$
\begin{array}{lllll}
5,652 & 648 & 5,648 & 5,645 & 5,655
\end{array}
$$

5) Fill in the missing number.


6 Tick the greater number.


Explain your answer.
7) What numbers are shown by the arrows? Label the number lines.


8 Write $<,>$ or $=$ to compare the numbers.

9) Arrange the digit cards to make the smallest odd number between 70,000 and 90,000


Round your number to the nearest 1,000


Round your number to the nearest 10,000

(10) Fill in the missing numbers.

| 71 | 10,071 |  | 30,071 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |

II) Put the masses in order starting with the lightest.

lightest
heaviest
(12) The thermometer shows the temperature in London in May.


In January the temperature was 18 degrees colder. What was the temperature in London in January?


## Answers

(I) 25,735


Yes, because the last digit is a 5
(2) $52,509=50,000+2,000+500+9$
$80,631=80,000+600+30+1$
$60,000+4,000+1,200=65,200$
(3) $£ 435,000$
(4) 5,652 5,648 5,645

5

| 402,300 |  |  |
| :---: | :---: | :---: |
| 400,000 | 2,000 | 300 |

$6 L X$ is greater because $X L I X$ is 49 and $L X$ is 60
7


8 $15,600>5,680 \quad 81,000<810,000 \quad 789,999<798,999$
(9) $83,469 \quad 83,000 \quad 80,000$

10

| 71 | 10,071 | 20,071 | 30,071 | 40,071 | 50,071 |
| :---: | :---: | :---: | :---: | :---: | :---: |

II $B, C, A, D$
(12) $-1{ }^{\circ} \mathrm{C}$

