1a. Which of the methods below would be the most efficient way of solving the given calculation?

$$
\begin{array}{llll}
n ? & & \\
23 & x & 4 & =\square \\
\hline
\end{array}
$$

| 10 | 10 | 1 | 1 | 1 |
| :--- | :--- | :--- | :--- | :--- |
| 10 | 10 | 1 | 1 | 1 |
| 10 | 10 | 1 | 1 | 1 |
| 10 | 10 | 1 | 1 | 1 |



Use it to solve the calculation.
2a. Using the digit cards, create a calculation.


Use the most efficient method to solve it.
You could use a part-whole model, a place value grid or a number line.


3a. Sydney is solving $16 \times 5$.


| 10 | 1 | 1 | 1 | 1 | 1 | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 |

She thinks the answer is 90.
Is she correct? Convince me!


1b. Which of the methods below would be the most efficient way of solving the given calculation?

$$
15 \times \quad 6=\square
$$

| 10 | 11111 |
| :---: | :---: |
| 10 | 11111 |
| 10 | 111111 |
| 10 | 11111 |
| 10 | 11111 |
| 10 | 111111 |



Use it to solve the calculation.
2b. Using the digit cards, create a calculation.


Use the most efficient method to solve it. You could use a part-whole model, a place value grid or a number line.
圆
3b. Asher is solving $19 \times 4$.


| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

He thinks the answer is 76 .
Is he correct? Convince me!


