1. Complete the exchange and use the place value grid to solve the calculation.


| Tens | Ones |
| :---: | :---: |
|  |  |
|  |  |
|  |  |

$45 \div 3=\square$
2. Complete the part-whole model and solve the calculation.

3. Match the calculation with the correct answer.

4. Lucy and Kyle are solving $52 \div 4$ using the partitioning method.


Who has used the most efficient method? Explain why.
5. Jamie has 64 jewels. She shares them equally into 4 bags.


Is Jamie correct? Explain your answer.
6. Daniel is thinking of a 2-digit number.

He says,


Find 3 possible answers.

## Divide 2 Digits by 1 Digit 2

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

| Tens | Ones |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 10 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 |
| 10 | 1 | 1 | 1 | 1 |

$45 \div 3=15$
2.

$56 \div 4=14$
3. $72 \div 6=12 ; 54 \div 3=18 ; 60 \div 4=15$
4. Kyle has used the most efficient method of partitioning because $40 \div 4=10$ and $12 \div 4$ $=3$, so $52 \div 4=13$. Lucy has not partitioned her numbers into multiples of 4 .
5. Jamie is incorrect. She has only exchanged one ten but she should have exchanged two. $40 \div 4=10$ and $24 \div 4=6$. So, $64 \div 4=16$.
6. Various answers, for example: $33 \div 3=11 ; 36 \div 3=12 ; 39 \div 3=13 ; 42 \div 3=14 ; 45 \div 3=$ $15 ; 48 \div 3=16 ; 51 \div 3=17 ; 54 \div 3=18 ; 57 \div 3=19$.

