

# Short division



1a. Identify the odd one out.

A.

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 4 | 6 | 4 | 4 |
|   |   |   |   |
|   |   |   |   |

B.

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 6 | 9 | 6 | 6 |
|   |   |   |   |
|   |   |   |   |

C.

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 3 | 4 | 8 | 9 |
|   |   |   |   |
|   |   |   |   |

D.

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 5 | 8 | 0 | 5 |
|   |   |   |   |
|   |   |   |   |

Explain why.

1b. Identify the odd one out.

A.

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 7 | 8 | 4 | 7 |
|   |   |   |   |
|   |   |   |   |

B.

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 5 | 6 | 5 | 5 |
|   |   |   |   |
|   |   |   |   |

C.

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 6 | 7 | 2 | 6 |
|   |   |   |   |
|   |   |   |   |

D.

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| 8 | 9 | 6 | 8 |
|   |   |   |   |
|   |   |   |   |

Explain why.

b)

|  |   |   |   |   |    |  |
|--|---|---|---|---|----|--|
|  |   |   |   |   |    |  |
|  |   | 2 | 4 | 8 | r1 |  |
|  | 4 | 9 |   | 3 |    |  |
|  |   |   |   |   |    |  |

c)

|  |  |   |   |   |    |  |
|--|--|---|---|---|----|--|
|  |  |   |   |   |    |  |
|  |  | 0 | 9 | 1 | r7 |  |
|  |  | 7 | 3 |   |    |  |
|  |  |   |   |   |    |  |

Tommy is thinking of a number between 800 and 900

- He divides the number by 4 and there is a remainder of 1
- He divides the number by 5 and there is a remainder of 1
- He divides the number by 6 and there is a remainder of 1
- He divides the number by 7 and there is a remainder of 1

What is Tommy's number?