Add 2-digit and 3-digit numbers – crossing 10 or 100

1. Use the place value chart to work out 328 + 36

<table>
<thead>
<tr>
<th>H</th>
<th>T</th>
<th>O</th>
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<tbody>
<tr>
<td>3</td>
<td>2</td>
<td>8</td>
</tr>
</tbody>
</table>
   + | 3 | 6 |

2. Work out the additions.
   a) 572 + 45

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</thead>
<tbody>
<tr>
<td>5</td>
<td>7</td>
<td>2</td>
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</table>
   + | 4 | 5 |

3. Work out the additions.
   a) 754 + 66

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<td>7</td>
<td>5</td>
<td>4</td>
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</table>
   + | 6 | 6 |
   b) 307 + 84

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<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>7</td>
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   + | 8 | 4 |
   c) 35 kg + 239 kg

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   d) 845 + 72

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<tbody>
<tr>
<td>8</td>
<td>4</td>
<td>5</td>
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</table>
   + | 7 | 2 |

   e) 436 + 85

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</thead>
<tbody>
<tr>
<td>4</td>
<td>3</td>
<td>6</td>
</tr>
</tbody>
</table>
   + | 8 | 5 |

   f) £739 + £68

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<tr>
<td>7</td>
<td>3</td>
<td>9</td>
</tr>
</tbody>
</table>
   + | 6 | 8 |

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4 Ron works out $476 + 35$

```
  4 7 6
+ 3 5
-----
 8 2 6
```

What mistake has Ron made?

Work out the correct answer.

5 Alex collects stickers.

She has collected 286 stickers.
She only needs 69 more stickers to fill the album.

How many stickers does the album hold when full?

6 Here are some digit cards.

```
2  3  5  7  8
```

Arrange the digits to make two different additions that have just one exchange.

7 Mo uses a number line to work out an addition.

What addition has Mo worked out?

```
+ 60
+ 2  + 5
```

```
400 418 478 480 485 500
```

8 Use the number lines to complete the additions.

a) $235 + 47 = $

```
200 300
```

b) $235 + 87 = $

```
200 300 400
```