1) a)

b)

c)

2) a)

$$
42 \times 2=84
$$

| Tens | Ones |
| :---: | :---: |
| (10) 10 (10 | (1) |
| $\text { (10) } 10 \text { 10 }$ |  |

b)
$32 \times 3=96$

| Tens | Ones |
| :---: | :---: |
| (10) 10 | (1) |
| (10) 10 | (1) |
| $\text { (10) } 10$ |  |

3) 

|  | 2 | 1 |
| :---: | :---: | :---: |
| $\times$ |  | 3 |
|  | 6 | 3 |

1) Jean-Luc has only used 2 lots of 31. His chart needed an additional row of 3 tens and I one. This would give an answer of 93, rather than 62.
2) Wesley is correct. 802 is too large to be the answer to $41 \times 2$ because $40 \times 2$ is only 80 . Diana has not written 80 in the correct place value columns - she has placed the 8 in the hundreds column when it should be in the tens column. The answer should be 82.
3) a) $33 \times 3=99$
b) $13 \times 2=26,13 \times 3=39$ or $21 \times 2=42$
c) $13 \times 2=26,21 \times 2=42,31 \times 2=62,33 \times 2=66$ or $21 \times 4=84$
d) $13 \times 3=39,21 \times 3=63,31 \times 3=93$ and $33 \times 3=99$
4) There are seven possible calculations:

| $14 \times 2=28$ | $22 \times 2=44$ | $31 \times 2=62$ | $34 \times 2=68$ |
| :--- | :--- | :--- | :--- |
| $22 \times 3=66$ | $31 \times 3=93$ |  |  |
|  | $22 \times 4=88$ |  |  |

