

Mark schemes

1. 7391 [1]

2. All eight numerals in this order:

3010 (highest)
3001
1300
1030
1003
310
130
103 (lowest)

Accept also reverse order.

[1]

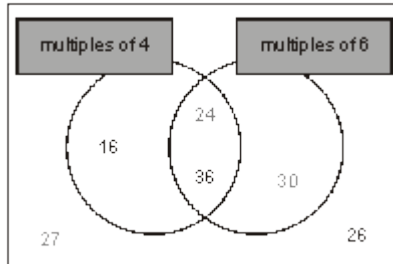
3. 72 or 78 [1]

[1]

4. 2 3 4 5 6 7 8 9 [1]

[1]

5. Award **TWO** marks for all three numbers correctly placed in the regions as shown:



Do not accept a number repeated in different regions.

Do not penalise answers which offer additional numbers (other than 16, 26 and 36) on the diagram, whether correctly placed or not.

If the answer is incorrect, award **ONE** mark for two numbers correctly placed.

Up to 2

[2]

6. (a) A multiple of 12 which ends in '8', eg 48 **OR** 108 **OR** 168 **OR** 228 **OR** 288
- (b) An explanation which recognises that an odd number cannot be a multiple of 4, eg:
- 'A multiple of 4 cannot be odd'
 - 'All multiples of 4 are even'
 - 'An odd number cannot be a multiple of 4'
 - 'Multiples of 4 must end in 0, 2, 4, 6 or 8'
 - '4, 8, 12, 16, 20, 24 don't end in 3'.
- Do not accept vague or incomplete explanations, eg:**
- '3 is not a multiple of 4'
 - '3 is too small'
 - '4 is even and 3 is an odd number'
 - '13, 23, 33 and 43 are not multiples of 4'
 - 'A number which ends in 3 cannot be a multiple of 4'
 - '3 isn't in the 4 times table'
 - '4 doesn't go into any number that ends in 3'.

1

U1

[2]

7. 845

[1]

8. Eight thousand, five hundred (and) twenty
- Do not accept any answers that include one or more figures.*
- Do not accept 'eight five two zero' or similar.*

[1]

9. (a) 650 in first box.
- (b) 1025 in second box.

1

1

[2]

10.

| | | |
|---|---|---|
| 4 | 2 | 0 |
|---|---|---|

U1

[1]

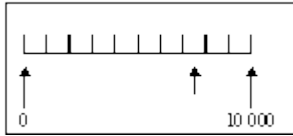
11.

5000 and 1900

Both correct in correct order for 1 mark.

[1]

12.



The arrow should be approximately half way between the divisions for seven thousand and eight thousand.

[1]