

Mark Scheme

Functional Skills Mathematics at Entry 2

September 2013 to August 2014

Set 3

## General guidance on the use of the mark scheme

1. Where the answer is a number, accept:
  - figures
  - words in any understandable spelling
  - tallies where appropriate
  - pictorial representations.
2. Where the mark scheme states 'indicates', accept any clear indication, for example:
  - Tick
  - Cross
  - Underline
  - Circling
  - Highlighting.
3. If the answer is clearly given, accept it, even if it is not in the answer box.
4. If the answer is in words, accept any understandable spelling.
5. Units can be ignored unless explicitly required by the mark scheme.
6. Information in brackets is optional; it is not required for the award of marks.
7. Mark crossed out work, if it is legible and has not been replaced.
8. Where the mark scheme states '1 or' and '2' marks, see example below:

|                              |      |                          |  |  |
|------------------------------|------|--------------------------|--|--|
| Valid working e.g. 350 + 150 | 1 or | <input type="checkbox"/> |  |  |
| (£)500                       | 2    | <input type="checkbox"/> |  |  |

### Learner answer examples

### Mark awarded

|                 |   |
|-----------------|---|
| 500             | 2 |
| 350 + 150 = 500 | 2 |
| 150 + 350       | 1 |
| 350 + 150 = 600 | 1 |
| 350 + 100 = 450 | 0 |
| 350 + 100 = 500 | 0 |

(Incorrect working even if the answer is correct)

## Mark scheme

| Answer  | Mark     | Skill Standard | Coverage and Range |
|---|----------|----------------|--------------------|
| <b>1. The health centre</b>   |          |                |                    |
| valid method to find half of 12<br>eg draws 2 lots of 6 people  | 1        | R2             | c                  |
| 6   | 1        | A3             | c                  |
| indicates 10:15 or 11:00 or both<br>but no others   | 1        | I6             | d                  |
| indicates Tuesday or 28   | 1        | I6             | h                  |
| valid working to find difference<br>between 27 and 18 eg $27 - 18$                                    | 1 or     | R1             | a                  |
| 9   | 2        | A3             | b                  |
| 5   | 1        | R2             | g                  |
| identifies 8:00 <b>OR</b> identifies 11:00<br><b>OR any valid process to find<br/>number of hours</b> | 1 or     | A4             | d                  |
| <b>3</b>  | 2        | I6             | a                  |
| <b>Total</b>  | <b>9</b> |                |                    |

| Answer   | Mark     | Skill Standard | Coverage and Range |
|--|----------|----------------|--------------------|
| <b>2. Going to the health centre</b>               |          |                |                    |
| completes the sequence<br>Day 9 – 2 and Day 10 – 1 | 1        | I6             | e                  |
| 59 (Kg)  | 1        | I6             | f                  |
|  |          |                |                    |
| <b>Total</b>                                       | <b>2</b> |                |                    |

| Answer                                      | Mark     | Skill Standard | Coverage and Range |
|---|----------|----------------|--------------------|
| <b>3 The chemist</b>                        |          |                |                    |
| indicates B or Basic or 12                  | 1        | R2             | h                  |
| 38 (°C)                                     | 1        | A4             | f                  |
| valid method to double 15                   | 1 or     | R2             | c                  |
| 30 (ml)                                     | 2        | A3             | b                  |
| valid method to find change<br>e.g. 20 – 14 | 1        | R2             | d                  |
| (£)6  | 1        | I6             | d                  |
| 14 + 6 = 20                                 | 1        | A5             | b                  |
| <b>Total</b>                                | <b>7</b> |                |                    |

|                                     |
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| <b>Total marks for workbook: 18</b> |
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