

Mark Scheme

Functional Skills Mathematics at Entry 3

September 2016 to August 2017

Set 1

General guidance on the use of the mark scheme

- Where the answer is a number, accept:
 - figures
 - words in any understandable spelling
 - tallies where appropriate
 - pictorial representations.
- Where the mark scheme states 'indicates', accept any clear indication, for example:
 - Tick
 - Cross
 - Underline
 - Circling
 - Highlighting.
- If the answer is clearly given, accept it, even if it is not in the answer box.
- If the answer is in words, accept any understandable spelling.
- Units can be ignored unless explicitly required by the mark scheme.
- Information in brackets is optional; it is not required for the award of marks.
- Mark crossed out work, if it is legible and has not been replaced.
- 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 | Explanation |
|-------------------------|--------------|----------------------------------|
| 500 | 2 | No process shown, correct answer |
| $350 + 150 = 500$ | 2 | Valid process and correct answer |
| $150 + 350$ | 1 | Valid process, no answer |
| $350 + 150 = 600$ | 1 | Valid process, wrong answer |
| $350 + 100 = 450$ | 0 | Process not valid, wrong answer |

Mark scheme

| Answer | Mark | Skill Standard | Coverage and Range |
|--|----------|----------------|--------------------|
| 1. Buying sugar and flour | | | |
| Valid process to find total cost e.g. 18.70×2 | 1 or | R2 | b |
| (£)37.4(0) | 2 | l6 | h |
| 2.5 | 1 | l6 | e |
| Valid process to find $\frac{1}{4}$ of 56 e.g. $56 \div 4$ OR $56 \div 2$ and $28 \div 2$ follow through from their answer to $56 \div 2$ | 1 or | A4 | d |
| (£) 14 | 2 | l6 | b |
| Total | 5 | | |

| Answer | Mark | Skill Standard | Coverage and Range |
|--|----------|----------------|--------------------|
| 2. Making biscuits | | | |
| Indicates Ginger OR 30 (minutes) | 1 | l6 | k |
| 375 (°F) | 1 | R1 | k |
| 270 (biscuits) | 1 | A4 | c |
| Valid process to add 2 hours e.g. counting up from 6.30 OR $6.30 + 1 + 1$ May be seen diagrammatically | 1 or | R3 | h |
| 8.30 (pm) Accept any common time format | 2 | A4 | h |
| 12 | 1 | R1 | i |
| 9.0 (cm) Allow anything between 9.0 and 9.5 inclusive (Check correct length on learner's own workbook) | 1 | A4 | j |
| Total | 7 | | |

| Answer | Mark | Skill Standard | Coverage and Range |
|---|----------|----------------|--------------------|
| 3. Bake sale | | | |
| 314 OR Gap of 3 indicated. | 1 or | R2 | g |
| 314 and 317 | 2 | I6 | g |
| Valid process to find total of any box of biscuits and any drink e.g. 3.55 + 0.95 OR 2.75 + 0.95 | 1 or | R2 | a |
| Correct total e.g. (£)4.50 OR (£)3.70 Allow follow through their choice of box of biscuits and a drink | 2 | A4 | f |
| Select one box of biscuits and one drink with total cost less than £4.70 Oat biscuits and Water OR Ginger biscuits and Water Note: Choice could be indicated by use of price | 1 | I6 | k |
| Valid process to find the number of boxes e.g. 35 ÷ 5 | 1 or | A4 | b |
| 7 (boxes) | 2 | I6 | b |
| Valid check of working using a different method or reverse calculation e.g. 7 x 5 OR Repeated addition of 5 or 7 OR Repeated subtraction of 5 or 7 OR 35 ÷ 7 | 1 | A5 | b |
| Total | 8 | | |

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| Total marks for workbook: 20 |
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