Mark Scheme

Functional Skills Mathematics at Entry 3

September 2013 to August 2014

Set 2

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	☐		
(£)500	2	☐		

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
1. The gym			
Indicates Tuesday and 19:00 - 20:00 **OR** Friday and 18:00 – 19:00 **OR** both	1	I6	k
Valid method to find cost per week e.g. 14 × 4 or (14 + 14 + 14 + 14) OR Valid method to find total number of visits in April e.g. 4 × 3	1 or	R1	b
Valid method to find total cost e.g. 56 × 3 or 12 × 14 or 14 × 4 × 3	2 or	A4	b
(£)168	3	I6	b
Valid method to find 1/3 of 75 e.g. 75 ÷ 3	1 or	R3	d
25 (minutes)	2	I6	d
Checks their answer to previous question using a **different** method. Valid different methods include 25 × 3, 25 + 25 + 25, 75 − 25 − 25 NB If no working is shown in the previous question, assume the calculation was 75 ÷ 3 and do not accept this as a check.	1	A5	b
Valid method to convert height: 1.8 m to cm e.g. 1.8 × 100 **OR** 140 cm or 210 cm into m or mm e.g. 140 ÷ 100, 210 × 10	1 or	R2	h
Accurate conversion in consistent units: 180 cm **OR** 1.4(0) m **and** 2.1(0) m **OR** 1800 mm **and** 1400 mm **and**	2	A4	J

Answer	Mark	Skill Standard	Coverage and Range
2100 mm

Correct comparison, follow through from their converted figures e.g. 180 cm with Yes | 1 | I6 | e |
| **Total** | 10 | | |

Answer	Mark	Skill Standard	Coverage and Range
2. Sport			
4	1	A4	i
Valid method to add distances e.g. 116 + 116 + 116 + 116

464 (m) | 1 or

2 | R3

A4 | a

a |
| 140 (20 -29) **and** 133 (30 -39) | 1 | A4 | g |
| 148 | 1 | I6 | c |
| Shows clear evidence of working with chart by
Indicating 10 **OR**
Indicating 7 **OR**
Indentifying bars for both Ali and Mia

3 | 1 or

2 | R2

I6 | k

k |
| **Total** | **7** | | |

Answer	Mark	Skill Standard	Coverage and Range
3. Footballs			
Valid process to find costs of footballs e.g. 5 × 5.2	1 or	R3	f
Valid process to add cost of sack to previous answer e.g. 26 + 9.5 Allow follow through for their answer to 5 × 5.2	2 or	A4	h
£35.50 Accept 35.5	3	I6	f
Total	**3**		

Total marks for workbook: 20