

Mark Scheme

Functional Skills Mathematics at Entry 3

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 where appropriate.
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		

<b>Learner answer examples</b>	<b>Mark awarded</b>	<b>Explanation</b>
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
<b>1 Activity holiday</b>			
(£) 450	1	A4	c
Indicates Route B <b>or</b> 59.3 (miles)	1	I6	f
Valid process to calculate cost of food per person e.g. $90 \div 5$ <b>OR</b> $5 \times 18$	1 or	R1	b
(£)18	2	A4	h
Valid check shown using a different or reverse process e.g. $18 \times 5$ or $90 \div 18$	1	A5	b
Valid process to find weight of 4 bars, e.g. $250 \times 4$ <b>OR</b> Convert 250(g) to 0.25 (kg)	1 or	R3	e
Correct answer (for $250 \times 4$ ) 1000 (g) <b>OR</b> Valid process to find weight of 4 bars in kg, e.g. $0.25 \times 4$	2 or	A4	h
1 (kg)	3	I6	j
<b>Total</b>	<b>8</b>		

<b>Answer</b>	<b>Mark</b>	<b>Skill Standard</b>	<b>Coverage and Range</b>
<b>2 Activities</b>			
At least 1 of: Team A: 13 <b>or</b> 16 <b>or</b> Team B: 14 <b>or</b> Team C: 15 <b>or</b> Indicates number pattern is add 3  With no errors. Ignore numbers 17 and above.	1 or	R2	g
All of: Team A: 13, 16 Team B: 14 Team C: 15  With no errors. Ignore numbers 17 and above.	2	I6	g
Valid process to calculate total distance e.g. 235 + 145 + 170	1 or	R3	j
550 (m)	2	A4	a
5	1	A4	i
Rectangle Accept square	1	A4	i
15 (°C)	1	I6	e
Indicates $\frac{1}{3}$ Accept one third	1	I6	d
Valid process to find difference e.g. 411 - 268	1 or	R3	e
143 (cm)	2	I6	a
Valid process to find total points from pictogram e.g. 10 + 10 + 10	1 or	R3	k
30	2	I6	k
<b>Total</b>	<b>12</b>		

<b>Total marks for workbook: 20</b>
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