

Mark Scheme

Functional Skills Mathematics at Entry 3

September 2016 to August 2017

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 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 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	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. At the airport			
Identifies 19(th)	1	R1	k
1.25 pm OR 13:25 OR 1325 OR 13.25 Allow any correct time format including written words	1	I6	e
Valid process to find the total e.g. $134 + 161 + 109 + 147$	1 or	A4	a
551 (passengers)	2	I6	a
430	1	R3	c
Valid process to find $\frac{1}{5}$ of 120 e.g. $120 \div 5$	1 or	A4	d
24 (seats)	2	I6	d
Valid check e.g. reverse calculation 24×5	1	A5	b
Indicates (bag) D OR 31.1 (kg)	1	R1	e
Identifies 6 (faces) e.g. 6 - 2 implies this or 6 seen on its own	1 or	R2	i
4	2	I6	i
Total	11		

Answer	Mark	Skill Standard	Coverage and Range
2. Before the flight			
15 (°C)	1	R1	k
29 seen as the first number OR 35 seen as the last number OR Valid process to identify the pattern, e.g. $11 - 5 = 6$ or 6 seen (on diagram)	1 or	A4	g
29 and 35	2	I6	g
Identifies all prices to work with i.e. 1.5(0) and 4.3(0) and 7.25 OR Begins a valid process to find the total, e.g. $1.5(0) + 1.5(0)$ OR $4.3(0) + 4.3(0)$ OR $1.5(0) + 7.25$ OR $1.5(0) + 4.3(0)$ OR $4.3(0) + 7.25$	1 or	R3	f
Full valid process to find the total cost e.g. $1.5(0) + 1.5(0) + 4.3(0) + 4.3(0) + 7.25$	2 or	A4	f
£18.85 must be in correct money notation	3	I6	h
Converts units e.g. 1000 ml = 1 litre OR 500 ml = 0.5 litres OR 1500 ml = 1.5 litres OR 2 litres	1	R2	j
Full process to find total amount of water in 4 bottles e.g. 500×4	1 or	A4	b
2 (litres)	2	I6	j
Total	9		

**Total marks for workbook:
20**

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