

Reformed Functional Skills
Mathematics at Entry 3

For first teaching September 2019

Practice Paper

Mark Scheme

Functional Skills qualifications from Pearson

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General guidance on the use of the mark scheme

1. Where the answer is a number, accept:
 - figures
 - words in any understandable spelling.
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 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 required explicitly by the mark scheme.
6. Where a mark is available for correct money format, accept correct use of the appropriate symbol with decimal notation e.g. £28.50. Do not accept £28.5 or £28.50p or 28.50£.
7. Information in brackets is optional and it is not required to award marks.
8. Mark crossed-out work if it is legible and has not been replaced.
9. Where more than one response is indicated, award a mark only if all incorrect responses are crossed out.
10. 'Valid process' means any method that is complete and correct.
11. Where the mark scheme states '1 or' and '2' marks, see example below.

	Valid working e.g. 350 + 150 (£)500	1 or 2	
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Candidate answer examples	Mark awarded	Explanation
500	2	No process shown, correct answer
350 + 150 = 500	2	Valid process and correct answer
350 + 100 = 500	2	Process not valid, 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, Section A – Non-calculator

Question	Answer	Mark(s)	Content
1	Valid process to find the total savings e.g. 85×4	1 or	E3.4
	(£)340	2	E3.4
2	Valid process to compare distances e.g. 1000 – 450 OR 1000 – 650 OR 450 + 650 AND 1000 (m)	1 or	E3.15
	No AND 550 (m) OR No AND 350 (m) OR No AND 1100 (m) AND 1000 (m) Accept equivalents in km. Working must be shown in consistent units.	2	E3.15
3	Valid process to find the total e.g. $169 + 108$	1 or	E3.2
	(£)277	2	E3.2
4	Valid process to find the number of complete documents e.g. $500 \div 8$ OR $8 + 8 + 8 + \dots$ with 62 values shown OR multiples of 8 totalling 496	1 or	E3.3
	62 (complete documents) OR 4 (sheets of paper left over)	2 or	E3.3
	62 (complete documents) AND 4 (sheets of paper left over) Award three marks only if 62 is clearly indicated as the number of complete documents and 4 is clearly indicated as the remainder	3	E3.3

Total marks for Section A: 9

Mark scheme, Section B – Calculator

Question	Answer	Mark(s)	Content
1	Valid process to find the total cost of card e.g. 14.06×5	1 or	E3.10
	70.3(0)	2	E3.10
	Correct £ symbol and money notation used i.e. two decimal places and not £70.30p Award this mark for correct £ symbol and money notation shown on an incorrect cost	1	E3.10
2	Indicates pentagon and no other	1	E3.19
3	Indicates 504 and no other	1	E3.1
4	Valid process to find the packs of paper needed e.g. $450 - 284$	1 or	E3.2
	166 (packs of paper)	2	E3.2
5a	280	1	E3.5
5b	Correct answer from the check i.e. $(450 - 280 =) 170$ $(280 + 166 =) 446$ Award this mark for a correct answer based on 284 incorrectly rounded i.e. 290 or 300 used rather than 280	1	E3.5
6	48	1	E3.6
7	Correct values from chart i.e. 64(p) AND 18(p) OR Valid process to make a comparison using 1 correct value from the chart e.g. $62 - 18$	1 or	E3.22
	Valid process to make a comparison using both correct values from chart e.g. $64 - 18$ OR $18 + 48$ AND 64 OR $64 - 48$ AND 18	2 or	E3.22
	No AND 46(p) OR No AND 2 (p) OR No AND 66(p) AND 64(p) OR No AND 16(p) AND 18(p)	3	E3.22

Question	Answer	Mark(s)	Content
8	<p>Correct length i.e. 9 (cm)</p> <p>OR</p> <p>Valid process to confirm the length of the business cards using an incorrect length for the box e.g. 8 – 2 OR 80 – 20 OR 8 AND 6 + 2</p> <p>Valid process to confirm the length of the business cards e.g. 9 – 2 OR 90 – 20 OR 9 AND 6 + 2</p> <p>No AND 7 (cm) OR No AND 1 (cm difference) OR No AND 9 (cm) AND 8 (cm) OR No AND 2 (cm) AND 3 (cm)</p> <p>Accept equivalents in mm. Working must be shown in consistent units.</p>	<p>1 or</p> <p>2 or</p> <p>3</p>	<p>E3.18</p> <p>E3.15</p> <p>E3.15</p>
9	<p>$\frac{1}{2}$ (turn) or equivalent fraction Accept in words e.g. one half</p>	1	E3.20
10	<p>No AND 12 (cm) OR No AND 2 (cm difference) OR No AND 30 (cm length of page for advert of 10 cm)</p>	1	E3.7
11	20 (cm)	1	E3.21
12	Indicates 1.98 (m) and no other	1	E3.8
13	<p>Draws correct plots with labels to show 240 (documents printed) in Jul(y) 180 in Aug(ust) 200 in Sep(tember)</p> <p>Plots must be joined by a line, but not be joined to the horizontal axis.</p>	1	E3.23
14	<p>3:10 OR 3.10 OR ten past three OR 10 past 3</p> <p>3:10 pm OR 3.10 pm OR 15:10 OR 15.10 OR ten past three pm OR 10 past 3 pm</p>	<p>1 or</p> <p>2</p>	<p>E3.13</p> <p>E3.12</p>
15	Indicates 7 (kg) AND/OR 24 (cm) and no other	1	E3.21

Question	Answer	Mark(s)	Content
16	1000 (ml) AND 300 (ml) OR Accept 1000 (ml) AND an amount from 260 (ml) to less than 300 (ml) OR 0.3 (l) Accept an amount from 0.26 (l) to less than 0.3 (l)	1 or	E3.14
	700 (ml) OR 0.7 (l)	2	E3.17
17	(£)40	1	E3.21

Total marks for Section B: 27

Total marks for assessment: 36

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