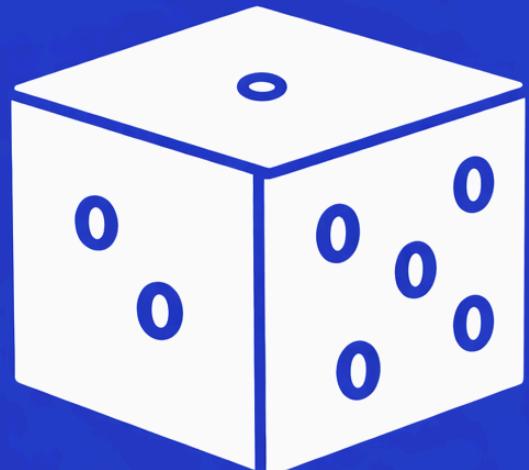


# GCSE Foundation

## Mark scheme Paper 1a

# LUCKY MATHS



More papers



Solutions

### Instructions

Use black ink or ball-point pen.

Draw diagrams in pencil.

Write your answers in the spaces provided and show all working.

The total mark for this paper is 40



### Materials

Black pen

Pencil

Ruler

Scientific Calculator

### Disclaimer:

The practice papers created by Lucky Maths are designed for revision and educational support only.

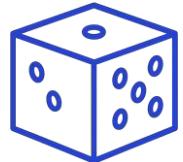
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Students and parents should use these papers as supplementary practice alongside official resources.

# Mark scheme – Half Paper 1a

## Calculator



Question	Answer	Marks
1	35 days	1
2	$8y$	1
3	20%	1
4	0.02, 0.2, 0.205, 0.27	1
5	Cm or Metres	1
6	£16 each	3
7 (a)	£288	2
7 (b)	13 bicycles	2
8 (a)	Median – 7.5	2
8 (b)	Mean – 8.7	2
9 (a)	$X=62^\circ$	2
9 (b)	Angles on a straight line sum to $180^\circ$	1

Question	Answer	Marks																				
10 (a)		3																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Football</th> <th>Netball</th> <th>Swimming</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Boys</td> <td>24</td> <td>14</td> <td>17</td> <td>55</td> </tr> <tr> <td>Girls</td> <td>16</td> <td>28</td> <td>21</td> <td>65</td> </tr> <tr> <td>Total</td> <td>40</td> <td>42</td> <td>38</td> <td>120</td> </tr> </tbody> </table>				Football	Netball	Swimming	Total	Boys	24	14	17	55	Girls	16	28	21	65	Total	40	42	38	120
	Football	Netball	Swimming	Total																		
Boys	24	14	17	55																		
Girls	16	28	21	65																		
Total	40	42	38	120																		
10 (b)	$\frac{21}{120}$	1																				
11 (a)	165<180 Less than 3 hours	2																				
11 (b)	165 miles	2																				
12	£1,400	3																				
13	A - £1200 B - £1600 C - £2000	3																				
14	$K=\frac{7}{4}$ or 1.75	3																				
15	2 marbles	4																				