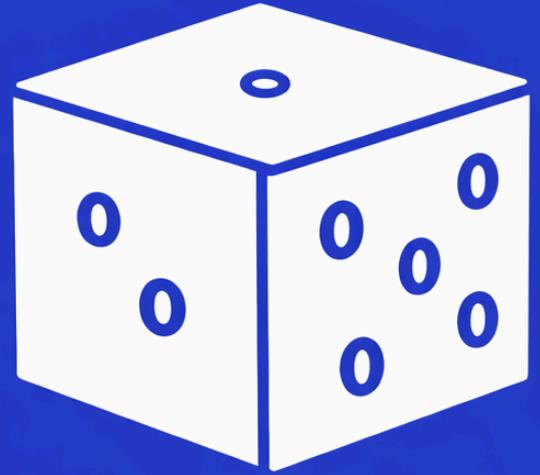


# GCSE Foundation Mark scheme 3c

# 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 80



## Materials

Black pen

Pencil

Ruler

Scientific Calculator

## Disclaimer:

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

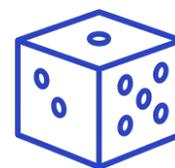
While every effort has been made to ensure accuracy and alignment with typical exam standards, these materials are not official exam papers and are not endorsed by any examination board.

Lucky Maths accepts no responsibility for any errors, omissions, or changes to official curriculum or exam specifications.

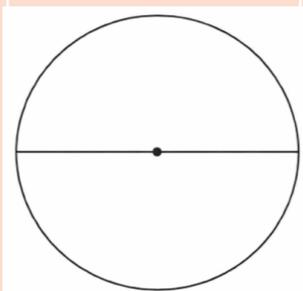
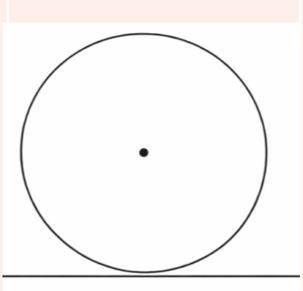
Students and parents should use these papers as supplementary practice alongside official resources.

# Mark scheme – Set 3(c)

## Calculator

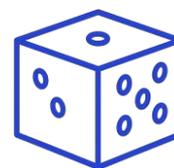


Question	Answer	Marks										
1	24	1										
2	13	1										
3	7	1										
4	250	1										
5	9	1										
6	82	3										
7	Blue – 1.5 White – 2.5	2										
8 (a)	$\frac{17}{3}$ or 5.67	1										
8 (b)	$\frac{37}{5}$ or 7.4	2										
9 (a)	$x^2 - 3x - 28$	2										
9 (b)	$(x - 5)(x + 3)$	2										
10		3										
	<table border="1"> <thead> <tr> <th>Decimal</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>0.28</td> <td>28%</td> </tr> <tr> <td>0.4</td> <td>40%</td> </tr> <tr> <td>0.82%</td> <td>82%</td> </tr> <tr> <td>0.07</td> <td>7%</td> </tr> </tbody> </table>	Decimal	Percentage	0.28	28%	0.4	40%	0.82%	82%	0.07	7%	
Decimal	Percentage											
0.28	28%											
0.4	40%											
0.82%	82%											
0.07	7%											
11	£474.00	3										
12	52 km/h	4										
13	15% increase	3										
14	Bag B	3										

Question	Answer	Marks
15	2:3	2
16	£342.80	4
17	HHH,HHT, HTH,HTT, THH,THT, TTH,TTT	2
18	£18	3
19 (a)		1
19 (b)		1
20	18% of 75	3
21	4a+b	3

# Mark scheme – Set 3(c)

## Calculator



Question	Answer	Marks
22		4
23	$2.5\text{g/cm}^3$	4
24	75 minutes	3
25		3

Question	Answer	Marks
29 (a)	£90	2
29 (b)	£133.20	1
29 (c)	£16.80	2

	Football	Basketball	Tennis	Total
Year 8	28	34	31	93
Year 9	35	42	42	119
<b>Total</b>	63	76	73	212

26	6 hours	2
27	Yes	4
28 (a)	£22	1
28 (b)	£8	1
28 (c)	£12	2