



**MATHS PRACTICE PAPER 4 – YEAR 6**

**ANSWER SCHEME**

**SECTION A**

S.no	Answers	Marks	S.no	Answers	Marks
1	450	1	11	540	1
2	69.575	1	12	1 chance in 6	1
3	21/28	1	13	4	1
4	12	1	14	1 in 16	1
5	-5	1	15	heptagon	1
6	31	1	16	2 <sup>nd</sup>	1
7	600	1	17	0.9 = 0.90	1
8	18	1	18	14.56 – 9.51	1
9	63.2	1	19	3.5	1
10	50/100	1	20	11.5	1

**SECTION B**

S.No	Answers	Marks
21.	2 6 3 + 5 5 4 = 8 1 7	1 mk – No mark if one of them is wrong
22.	\$3.75	1 mk
23	Angle R = 48° (base angles of an isosceles triangle are equal Angle a = 180 – ( 48 + 48) Angles in a triangle add up to 180° = 180 – 96 = 84°	1 mk
24	20 x +25	2 mks. (1 mk, if two steps are correct.)
25	$\frac{14}{35} \times 100 ; = 40\%$	2 mks
26		1 1 1 Total 3 marks
27	300 grams	1 mk
28	a) 1.30pm b) 8 ½ hrs	1 1

29	$\frac{1}{4}$ of the sales = 826 Total sales = $826 \times 4 = \text{£}3304$ $\frac{3}{4}$ sales = $3304 - 826 = 2478$ Water = juice = $\text{£}2478 \div 2$ = $\text{£}1239$	3 mark; 1 mark for each correct step in calculations
30	Bag A $\frac{1}{2} > \frac{2}{5}$	2 mks
31	$(3 + 9) \times 10$ or any other correct answer	1 mk No mark if one of them is correct
32	a) 5 months b) No c) Bank holiday would have fallen on a Monday	1 1 1 Total 3 mks
33	D	1
34	a) 45 cm b) 11 strips	1 1 Total 2 marks
35	a) $30^\circ$ b) $20^\circ$ c) $60^\circ$	1 1 1 Total 3 marks
36	$74 \text{ cm}^2$	2 marks
37	(i) $A = (4, 14)$ (ii) $P = (-3, -1)$	1 1 Total 2 marks
38		1 mk each Total 2 marks
39		2 mks
40	95	1 mk
41	a) $22.5^\circ$ b) 2:50 pm c) $6^\circ - 7^\circ$	1 1 1 (Small difference in the answers can be ignored) Total 3 marks