

**ANSWER KEY****PART 1: VIDEO EXPLANATION AND PRACTICE**

<b>Topic 1: Fractions &amp; Ratio &amp; Percentage</b>			
Question No	Answer Key	Practice No	Answer Key
1.	27	1.	222cm
2a.	C had the most B had the least	2a.	Anna had the most Ben had the least
2b.	\$312	2b.	\$800
3.	\$174	3.	\$9240
4.	$\frac{1}{3}$	4.	$\frac{1}{2}$
5a.	\$396	5a.	\$470
5b.	12.5%	5b.	10%
6.	35%	6.	2:9
7.	80	7.	24
8.	32	8.	\$180
9.	\$720	9.	60%
10.	30	10a.	15
		10b.	120
		10c.	216
<b>Topic 2: Area &amp; Volume</b>			
Question No	Answer Key	Practice No	Answer Key
1.	27cm <sup>2</sup>	1.	21cm <sup>2</sup>
2a.	25.5m	2a.	6m
2b.	136m	2b.	60m
3a.	21cm	3a.	96cm
3b.	13cm	3b.	7cm
4a.	138cm	4.	322cm <sup>2</sup>
4b.	630cm <sup>2</sup>		
5.	8cm <sup>2</sup>	5.	32cm <sup>2</sup>
6.	129cm <sup>2</sup>	6.	142.75cm <sup>2</sup>
7a.	36cm	7a.	20cm

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7b.	366.6cm	7b.	126.2cm
8.	397.44cm	8.	232cm
9a.	7200cm <sup>3</sup>	9a.	9cm
9b.	32cm	9b.	30cm
10a.	22cm	10.	14cm
10b.	4312cm <sup>3</sup>		
11.	228	11.	552
<b>Topic 3: Data</b>			
1a.	\$240	1a.	140
1b.	\$48	1b.	Blue, Yellow
1c.	\$300	1c.	52%
2a.	20min	2a.	6h
2b.	0900 to 0905 0915 to 0920	2b.	37°C
2c.	0°C/min	2c.	6:00 to 12:00 (time); April 7 <sup>th</sup> (date)
		2d.	12:00 to 18:00 (time); April 9 <sup>th</sup> (date)
		2e.	1°C
3.	There are 55 swordtails in Tank A. - Not possible to tell  $\frac{1}{3}$ of the fish in Tank B are rainbow fish. - False  There are more rainbow fish in Tank A than in Tank B. - True	3.	There are 55 swordtails in Tank A. - Not possible to tell  $\frac{1}{5}$ of the fish in Tank A are rainbow fish. - True  There are more Swordtail fish in Tank A than in Tank B. - False
<b>Topic 4: Geometry</b>			
1a.	39°	1.	67°
1b.	111°		
1c.	99°		
2a.	14°	2.	18°
2b.	23°		

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<b>Topic 5: Whole Numbers</b>			
1.	22	1.	7
2.	Smith - 60 Kiki - 50	2.	Shawn - 18 Lucy - 12
3a.	225	3a.	150
3b.	90	3b.	75
3c.	\$20.50	3c.	\$2

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**PART 2: ORIGINAL MOCK PAPERS**

PSLE Mock Examination 1		PSLE Mock Examination 2	
Paper 1		Paper 1	
Question No	Answer Key	Question No	Answer Key
1.	3	1.	4
2.	2	2.	2
3.	3	3.	2
4.	3	4.	4
5.	3	5.	2
6.	2	6.	2
7.	4	7.	1
8.	2	8.	1
9.	1	9.	2
10.	2	10.	3
11.	4	11.	1
12.	2	12.	2
13.	3	13.	2
14.	4	14.	2
15.	4	15.	3
16.	8.4 (Accept any correct answer)	16.	28
17.	15, 30	17.	104
18.	\$108	18.	$\frac{14}{5}, 2, 1\frac{9}{10}, \frac{9}{6}$
19.	40	19.	15%
20.	$\frac{1}{2}$	20.	D
21.	8.00 a.m. - 9.00 a.m.	21.	49
22.	*See Figure 1	22.	4d - 60
23.	29	23.	73°
24.	104	24.	0.17
25.	30	25a.	250
26.	19	25b.	March, April

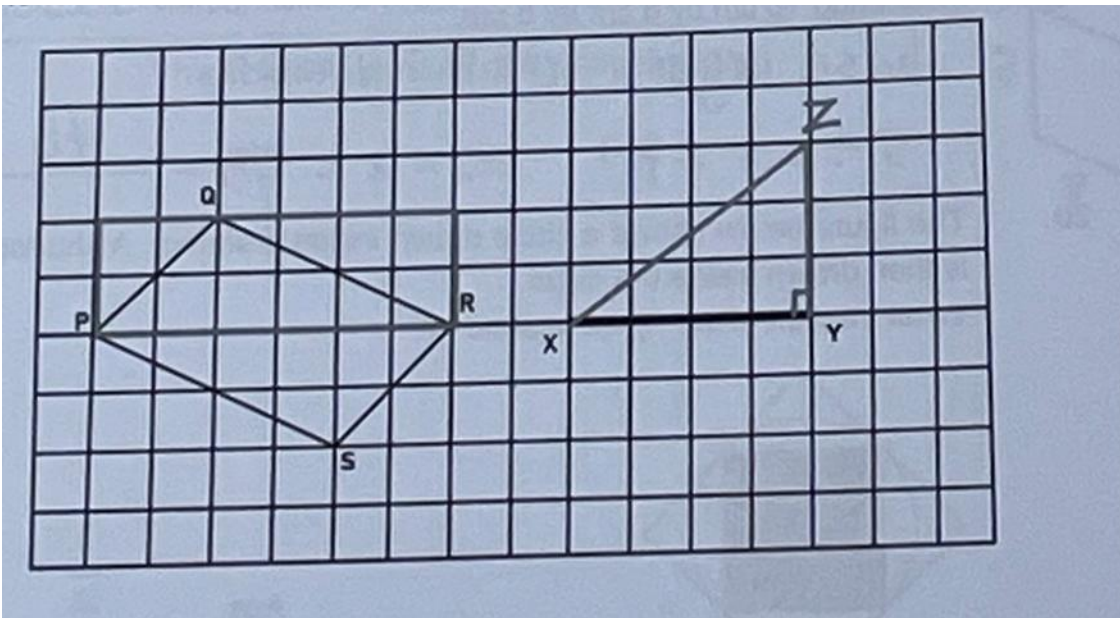
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27a.	A and C	26.	0.56
27b.	D	27.	72
28a.	4	28.	121
28b.	26	29.	$\angle OAB$ is equal to $\angle OBA$ - True Triangle OAB is an equilateral triangle. - Not possible to tell
29.	$\frac{7}{18}$		
30.	AB // CD - True $\angle ADE + \angle CBE = 90^\circ$ - Not possible to tell The shaded area is greater than the unshaded area - Not possible to tell	30.	160
<b>Paper 2</b>		<b>Paper 2</b>	
1.	16	1.	9:10
2.	174	2.	711.7
3.	70	3.	320
4.	*See Figure 2	4a.	West
5.	27	4b.	Tick the box in Row 3, Column 2
6.	\$23.20	5.	645
7.	11	6a.	120
8a.	3:1	6b.	660
8b.	$\frac{1}{3}$	7.	61.25
9a.	John	8.	80
9b.	8.75m	9a.	3298
10.	\$786	9b.	1746
11a.	70	10a.	54
11b.	A: 120 B: 90 C: 180	10b.	27
12a.	102	11a.	116

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12b.	39	11b.	AE is parallel to DF. - False EDJH is a trapezium. - Not possible to tell ABD is a equilateral triangle - True
13.	33	12.	198
14a.	2:5	13a.	720
14b.	120	13b.	1530
15a.	51:58	14.	38.21
15b.	720	15a.	Number of dots - 30 Number of lines - 49
16a.	452	15b.	12
16b.	3752	16a.	180
17a.	3	16b.	120%
17b.	16.5	17.	480

**Figure 1:**



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Figure 2:

