

## NUMBERS, OPERATIONS AND RELATIONSHIPS

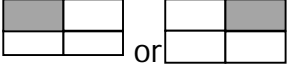
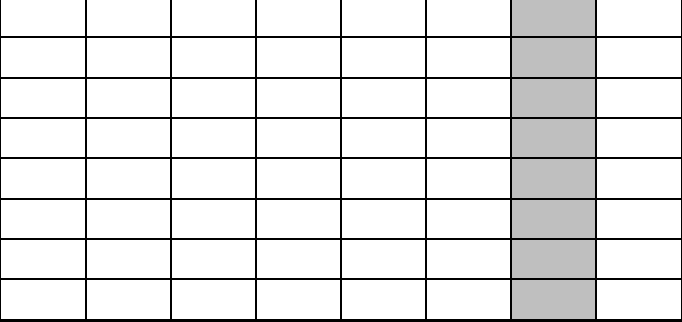
QUESTION	EXPECTED ANSWER	MARKS
1	a. Any number in the range between 25 – 50	1
	b. 44	1
	c. 11 groups	1
	d. 22 pegs	1
	e. Actual number – Estimated number = or Estimated number - Actual number =	1
	f. Actual number - Estimated number or Estimated number- Actual number Actual number + Estimated number or Estimated number+ Actual number	1
	g. 44	1
2	a. 600, 500, <b>400</b> , 300, <b>200</b> , 100	1
	b. 4, 8, 12, <b>16</b> , <b>20</b> , 24, <b>28</b>	1
3	a. 128 , <b>130</b> , <b>132</b> , <b>134</b>	1
	b. 170 , <b>180</b> , <b>190</b> , <b>200</b>	1
	c. <b>3 , 6 , 9 , 12</b> or <b>15 , 12 , 9 , 3</b>	1
4	a. 173, 172, 171, <b>170</b> , <b>169</b> , 168, 167, <b>166</b>	1
	b. 195, 190, <b>185</b> , <b>180</b> , 175, <b>170</b> , 165	1

QUESTION		EXPECTED ANSWER									MARKS
5		Floor 3	<b>114</b>	115	<b>116</b>	117	<b>118</b>	119	120	<b>121</b>	1
		Floor 2	106	<b>107</b>	<b>108</b>	109	110	<b>111</b>	<b>112</b>	113	1
		Floor 1	99	100	<b>101</b>	Entran ce	<b>102</b>	103	104	<b>105</b>	1
	a.	111									1
	b.	103									1
	c.	121									1
	d.	113									1
e.	106									1	
f.	100									1	
6	23 , 25 , <b>27</b> , 29 , 31 <b>Count in 2s</b>									1 1	
7	One hundred and sixty-eight									1	
8										1	
										1	
										1	
										1	


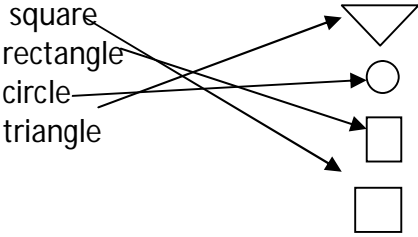
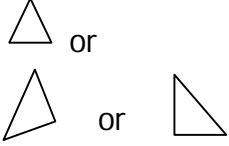
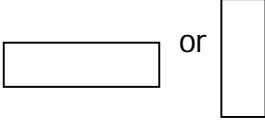
QUESTION		EXPECTED ANSWER	MARKS												
9	a.	199	1												
	b.	78	1												
10	a.	32	1												
	b.	Thirty-two	1												
11	a.	87	1												
	b.	89	1												
	c.	89	1												
12		<	1												
13		No	1												
14	a.	False	1												
	b.	True	1												
	c.	True	1												
15		9 , 13 , 35 , 70 , 99	1												
16		C	1												
17		Yes	1												
18	a.	tens	1												
	b.	units	1												
19	a.	60	1												
	b.	9	1												
20	a.	60+1	1												
	b.	50+0	1												
21		A	1												
22		60	1												
23	a.	189	1												
	b.	200	1												
	c.	173	1												
24	a.	100+30+6	1												
	b.	30+6	1												
25		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Number doubled</th> <th>Number</th> <th>Number halved</th> </tr> </thead> <tbody> <tr> <td><b>84</b></td> <td>42</td> <td><b>21</b></td> </tr> <tr> <td><b>74</b></td> <td>37</td> <td><b>18 and a half</b></td> </tr> <tr> <td><b>68</b></td> <td>34</td> <td><b>17</b></td> </tr> </tbody> </table>	Number doubled	Number	Number halved	<b>84</b>	42	<b>21</b>	<b>74</b>	37	<b>18 and a half</b>	<b>68</b>	34	<b>17</b>	6
	Number doubled	Number	Number halved												
	<b>84</b>	42	<b>21</b>												
	<b>74</b>	37	<b>18 and a half</b>												
<b>68</b>	34	<b>17</b>													
26			1												
27	a.		1												
	b.	56	1												
	c.	14	1												

QUESTION		EXPECTED ANSWER	MARKS
28		D	1
29		99 by adding on, by breaking down or filling up tens. 1 mark for the operation 1 mark for the answer	2
30		84 by counting back, breaking down or filling up tens. 1 mark for the operation 1 mark for the answer	2
31		$67+56+45=168$ using any horizontal method. 2 marks for the operation 1 mark for the answer	3
32		100 by using repeated addition. 1 mark for the operation 1 mark for the answer	2
33		28 using any horizontal method. 1 mark for the operation 1 mark for the answer	2
34		R30 by using repeated addition. 1 mark for the operation 1 mark for the answer	2
35		30 by repeated subtraction or sharing/grouping. 1 mark for the operation 1 mark for the answer	2
36		6 by repeated subtraction or sharing/grouping. 1 mark for the operation 1 mark for the answer	2
37	a.	R10 Green R20 Brown R50 Pink R100 Blue R200 Orange 1 mark for each word	5
	b.	2	1
	c.	85c	1
38	a.	R45 by breaking down. 1 mark for the operation 1 mark for the answer	2
	b.	$R34+R34= R68$ or $R34 \times 2 = R68$  1 mark for the operation 1 mark for the answer	2
	c.	$50c+20c+20c+20c+20c=130c/R1,30$ Change = $130c - 95c = 35c$	4

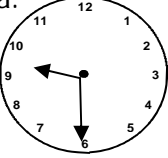
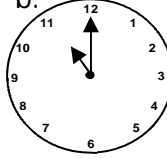
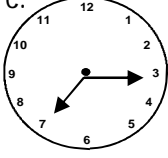
## PATTERNS, FUNCTIONS AND ALGEBRA

QUESTION		EXPECTED ANSWER	MARKS
1		 Colour 1 block less 1 mark for shading and 1 mark for description	2
2			1
3		1 mark for correct shapes 1 mark for correct sequence	2
4		90 ; 100 ; 110	1
5		2 pizzas – 10 slices 4 pizzas – 20 slices 10 pizzas – 50 slices	1
6	a.	406 ; 404 ; 402 ; 400.	1
	b.	132 ; 135 ; 138 ; 141.	1

## SPACE AND SHAPE

QUESTION	EXPECTED ANSWER	MARKS
1		3
2		4
3	<p>a. rectangle                      b. circle c. triangle                        d. square</p>	4
4	<p>a.  or</p> <p>b.  or</p>	2
5	<p>a. 3 b. 2 c. 4 d. 1</p>	4
6	<p>a. triangles in green b. squares in red c. rectangles in blue d. circles in yellow</p>	4

## MEASUREMENT

QUESTION		EXPECTED ANSWER	MARKS
1	a.	29	1
	b.	Wednesday	1
	c.	4	1
	d.	Wednesday	1
	e.	4	1
	f.	3	1
	g.	17	1
	h.	29 <sup>th</sup>	1
2	a.	10 ' clock	1
	b.	half past 4	1
	c.	a quarter past 11	1
3	a.	06:15 and Quarter past 6	1
	b.	04:00 and Four o'clock	1
	c.	12:30 and Half past 12	1
4		a.  b.  c. 	3
5		30 minutes	1
6		5 , 10 , 15 , 20 , 25 , 30 , 35 , 40 , 45 , 50 , 55 , 60	1
7	a.	8	1
	b.	20	1
	c.	10	1
	d.	3	1
8		5m/ , 250m/ , 500m/ , 2/ , 5/	1
9	a.	5	1
	b.	2	1
10	a.	yes	1
	b.	no	1
	c.	no	1
	d.	yes	1

## DATA HANDLING

QUESTION	EXPECTED ANSWER				MARKS	
1					4	
		red	blue	green		yellow
	a.	58				1
b.	blue				1	
c.	yellow				1	
d.	6				1	
e.	22				1	
2	Kind of fruit	Tally marks	Frequency		6	
	Apple	### III	8			
	Banana	### ### ### I	16			
	Strawberry	### ### ###	15			