
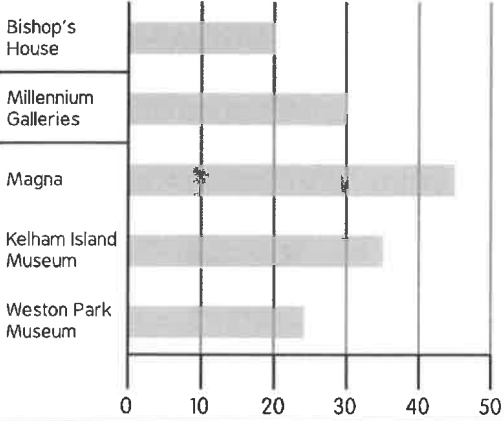
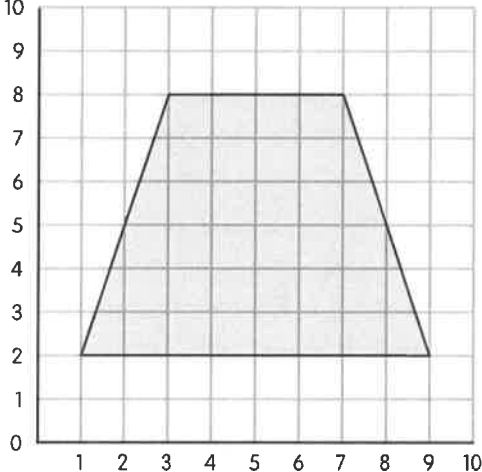
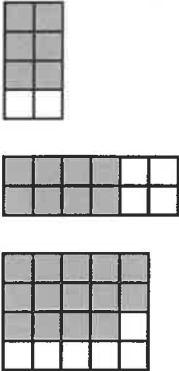


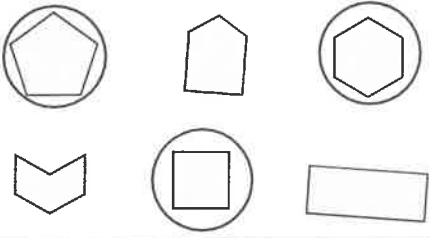
Year 5 Maths Reasoning Test Set 1: Paper B



Question	Answer	Marks	Notes
1.			
	945	1	
2.			
a	 <p>(marked at 425ml)</p>	1	Jug mark should be halfway between 400ml and 450ml.
b	0.275l	1	No mark for 275ml
3.			
	45p or £0.45	1	
4.			
a	3 (Millennium Galleries, Magna and Kelham Island Museum)	1	
b		1	
5.			
	$\begin{array}{r} 7 \quad 2 \quad 6 \\ \times \quad 4 \\ \hline 2 \quad 9 \quad 0 \quad 4 \end{array}$	1	

Question	Answer	Marks	Notes								
6.											
	£20.84	2	2 marks for correct answer. 1 mark for correct method, but 1 mistake in calculation.								
7.											
		2	2 marks for a correct answer. 1 mark for 3 corners correct.								
8.											
		2	2 marks for all 3 correct 1 mark for 2 correct								
9.											
	1 5** *8* Any number with 5 and 8 correctly placed, and a 1 in the millions place.	1									
10.											
	<table border="1" data-bbox="312 1816 807 2040"> <thead> <tr> <th>Name given to the angle</th> <th>Angle</th> </tr> </thead> <tbody> <tr> <td>Acute</td> <td>a, c</td> </tr> <tr> <td>Obtuse</td> <td>b</td> </tr> <tr> <td>Reflex</td> <td>d, e</td> </tr> </tbody> </table>	Name given to the angle	Angle	Acute	a, c	Obtuse	b	Reflex	d, e	2	1 mark for correctly placing a, b and c in the table. 1 mark for correctly writing and spelling "reflex".
Name given to the angle	Angle										
Acute	a, c										
Obtuse	b										
Reflex	d, e										

Question	Answer	Marks	Notes												
11.															
	$36 + 64$ or $6^2 + 8^2$	2	2 marks for correct answer. 1 mark for identifying $102 = 100$.												
12.															
	£2.96	1													
13.															
a	5°C	1													
b	9°C	1													
c	-2°C	1													
14.															
	5 hours 50 minutes	2	2 marks for a correct answer. 1 mark for correctly converting an incorrect answer to 5 x 70 into hours and minutes, or correctly converting 70 minutes into 1 hour 10 minutes, but incorrectly multiplying this by 5.												
15.															
	<table border="1"> <thead> <tr> <th>Measure</th> <th>In ml</th> <th>in litres</th> </tr> </thead> <tbody> <tr> <td>Teaspoon</td> <td>5ml</td> <td>0.005l</td> </tr> <tr> <td>Dessert Spoon</td> <td>10ml</td> <td>0.01l</td> </tr> <tr> <td>TableSpoon</td> <td>15ml</td> <td>0.015l</td> </tr> </tbody> </table>	Measure	In ml	in litres	Teaspoon	5ml	0.005l	Dessert Spoon	10ml	0.01l	TableSpoon	15ml	0.015l	2	2 marks for all correct 1 mark for 4 correct Allow 0.010 l for dessert spoon
Measure	In ml	in litres													
Teaspoon	5ml	0.005l													
Dessert Spoon	10ml	0.01l													
TableSpoon	15ml	0.015l													
16.															
	$3\ 014\ 304 < 3\ 403\ 413$ or $3\ 403\ 413 > 3\ 014\ 304$	2	2 marks for correct 1 mark if only 1 error: $3\ 014\ 304 > 3\ 403\ 413$ (sign incorrect) $3\ 014\ 340 < 3\ 403\ 413$ (number incorrect) allow use of commas correctly												
17.															
	<table border="1"> <tr> <td>Football</td> <td>Art</td> <td>Dance</td> </tr> </table>	Football	Art	Dance	2	2 marks for correct answer 1 mark for 2 correct 0 marks for Dance, art, football									
Football	Art	Dance													
18.															
a	Train 002	1													

Question	Answer	Marks	Notes				
b	1 hour 25 minutes or 85 minutes (train 001)	1					
19.							
	<table border="1" style="width: 100%; text-align: center;"> <tr> <td style="padding: 5px;">0.7</td> <td style="padding: 5px;">$\frac{75}{100}$</td> <td style="padding: 5px;">$\frac{765}{1000}$</td> <td style="padding: 5px;">$\frac{8}{10}$</td> </tr> </table>	0.7	$\frac{75}{100}$	$\frac{765}{1000}$	$\frac{8}{10}$	1	
0.7	$\frac{75}{100}$	$\frac{765}{1000}$	$\frac{8}{10}$				
20.							
		2	2 marks for all 3 correct. 1 mark for 2 correct and none incorrect.				
		Total 35					