

Numeracy Homework

Calculators not allowed

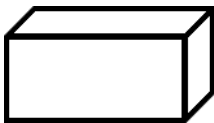
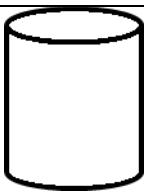

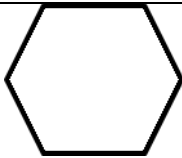
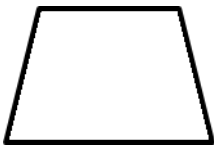

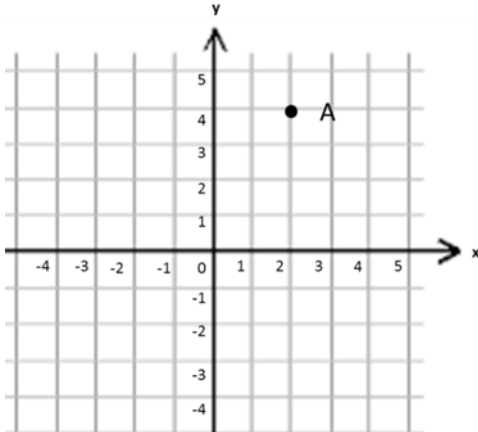


Name: _____

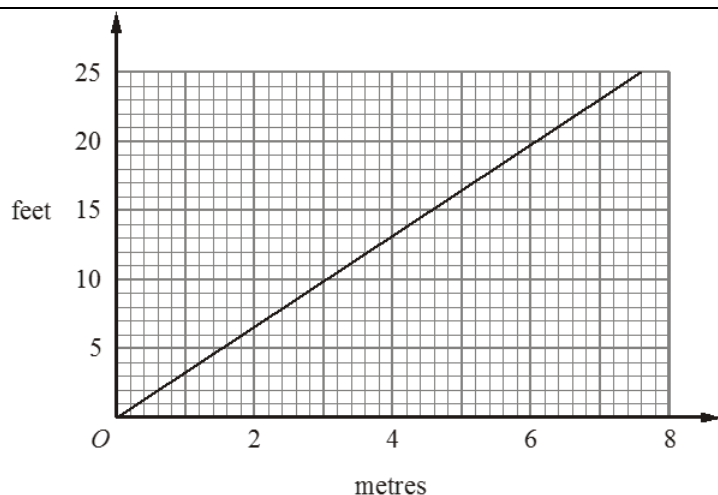
- You **must not** use a calculator for any question in this test.
- You will need a pen or pencil.
- Try to answer all questions.
- Write all your answers and working in the spaces provided in this test paper – do not use any rough paper. Marks may be awarded for working.
- Check your work carefully.

1.	<p>Write these numbers in words:</p> <p>2721</p> <hr/> <p>2 370 804</p> <hr/> <hr/> <p>Write these numbers in figures:</p> <p>Nine thousand, one hundred and fifteen</p> <hr/> <p>Seventeen point five four</p> <hr/>	/ 4
2.	<p>What is the value of the 7 in each of these numbers?</p> <p>274 17 526 _____</p>	/ 2
3.	<p>C) Write these numbers in order, starting with the lowest:</p> <p>356 ; 365 ; 305 ; 3,506 ; 360 ; 256</p> <hr/> <p>2.7 ; 7.2 ; 2.07 ; 7.02 ; 27.2 ; 0.27</p> <hr/> <p>12 ; - 3 ; -9 ; 2 ; 0 ; -12</p> <hr/>	/ 3

4.	<p>D) Continue the sequence and write the rule for each set of numbers:</p> <p>1) 2 , 5, 8 , 11 , _____ , _____ , _____</p> <p>The rule is _____</p> <p>2) 23 , 19 , 15 , _____ , _____ , _____</p> <p>The rule is _____</p> <p>3) -30 , -20 , -10 , _____ , _____ , _____</p> <p>The rule is _____</p>	/ 3																		
5.	<p>Round these numbers to</p> <p>(i) the nearest 10: (ii) the nearest 100</p> <p>367 _____ 3770 _____</p> <p>(iii) the nearest 1000: (iv) 1 decimal place</p> <p>4820 _____ 12.48 _____</p>	/ 4																		
6.	<p>Complete this table by multiplying OR dividing the numbers given:</p> <table border="1" style="width: 100%;"> <tr> <th>Number</th> <th>x 10</th> <th>x 100</th> </tr> <tr> <td>32</td> <td></td> <td></td> </tr> <tr> <td>17.5</td> <td></td> <td></td> </tr> <tr> <th>Number</th> <th>÷ 10</th> <th>÷ 100</th> </tr> <tr> <td>800</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td></td> <td></td> </tr> </table>	Number	x 10	x 100	32			17.5			Number	÷ 10	÷ 100	800			35			/ 8
Number	x 10	x 100																		
32																				
17.5																				
Number	÷ 10	÷ 100																		
800																				
35																				
7.	<p>Simplify fully 8/24</p> <p>Find 4/5 of 30</p> <p>_____</p> <p>_____</p>	/ 2																		

8.	Find 35% of 260	_____	/ 1
9.	Divide £35 into the ratio 3:4	_____	/ 1
10.	Name the following shapes:	<div>  _____ </div> <div>  _____ </div> <div>  _____ </div> <div>  _____ </div> <div>  _____ </div> <div>  _____ </div>	/ 6
11.	 <p>What coordinate does point A represent? (____ , ____)</p> <p>Show the coordinate (4, -2) on the grid above and label it B.</p>		/ 2

12.



This conversion graph can be used to change between metres and feet.

(i) Use the conversion graph to change 6 metres to feet.

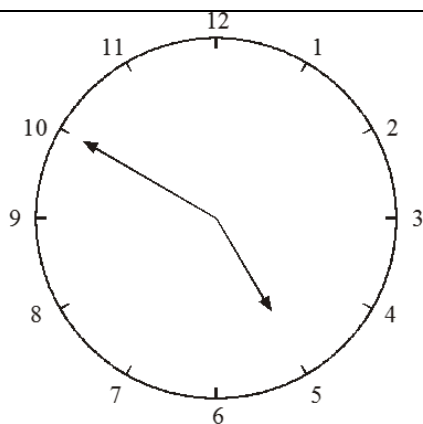
_____ feet

(ii) Use the conversion graph to change 7 feet to metres.

_____ metres

/ 2

13.

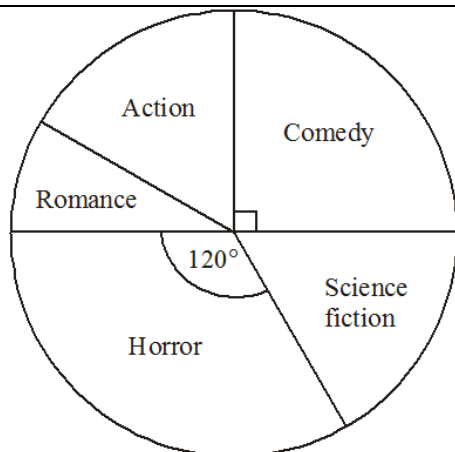


(i) Write down the time shown on the clock.

(ii) What time will the clock read 1 hour 30 minutes later?

/ 2

14.



Colin carried out a survey. He asked 36 Year 10 students which type of film they liked best. He used the results to draw this pie chart.

(i) How many students said comedy?

(ii) How many students said horror?

/ 2

15.	6 x 3	63 ÷ 9	/ 2
	850 ÷ 5	426 x 127	
	2.4 x 6	78 ÷ 0.2	/ 2
	435 + 197	602 - 28	/ 2
	I buy a computer game for £28 and a DVD for £12.65. How much have I spent?	I have £10.77 and spend £8.34. How much money do I have left?	/ 2