

question	answer	marks	notes									
1.												
	$\frac{3}{2}$ $\frac{8}{5}$ $\frac{7}{4}$	1										
2.												
	7	1										
3.												
a	$4n+2$	1										
b	42	1	1 mark if correct answer based on answer to 3a									
c	$n = 61$	1										
4.												
	20p or £0.20	2										
5.												
	Hundred thousands Hundredths or 100,000s and 0.01s	2	1 mark for one correct.									
6.												
	DXXXII	1										
7.												
	<table><tr><td></td><td>Has 6 or more vertices</td><td>Has less than 6 vertices</td></tr><tr><td>Has at least one curved face</td><td></td><td>A</td></tr><tr><td>Has no curved faces</td><td>B D</td><td>C</td></tr></table>		Has 6 or more vertices	Has less than 6 vertices	Has at least one curved face		A	Has no curved faces	B D	C	2	1 mark for 3 correct and no more than 1 incorrect
	Has 6 or more vertices	Has less than 6 vertices										
Has at least one curved face		A										
Has no curved faces	B D	C										
8.												

question	answer	marks	notes
9.			
	56°	1	
10.			
	0.725kg or 725g	1	
11.			
a	19°C and -7°C	1	1 mark for correct calculation from incorrect temperature readings
b	26°C	1	
12.			
a	10 x 4 rectangle	1	1 mark is awarded for any explanation that shows why the area is not twice the original area.
b	The area is 4x the area of the original.	1	
13.			
	$\begin{array}{r} 246 \\ 37 \overline{) 9102} \\ \underline{74} \\ 170 \\ \underline{148} \\ 222 \\ \underline{222} \\ 000 \end{array}$	2	1 mark for 9 and 1 mark for 0's
14.			
	1.98 litres	1	Do not accept 1980 ml or 1 litre 980 ml
15.			
a	2040	1	
b	38 minutes	1	
c	5 mins (Coxhoe, Police Station to Bowburn, Garage)	1	
16.			

question	answer	marks	notes
16.			
	61.875		1 mark for incorrect answer, but only 1 mistake in calculation.
17.			
	609 217	1	
18.			
	520-600	1	
19.			
	(-4, 1) and (5, -2) or (-3, 1) and (4, -2) or (-2, 1) and (3, -2) or (-1, 1) and (2, -2)	2	2 marks for both correct answers. Allow any answer where the x coordinates of A and C add to 1 and the y coordinates add to -1. 1 mark for having correct x coordinates or y coordinates.
20.			
	267 pencils	3	3 marks for correct answer rounded to 267. 2 marks for correct calculation but answer not rounded (267.428571) 1 mark for incorrect answer but correct calculation with 1 error. $(26 \times 12 \times 12) / 14$
		Total 35	