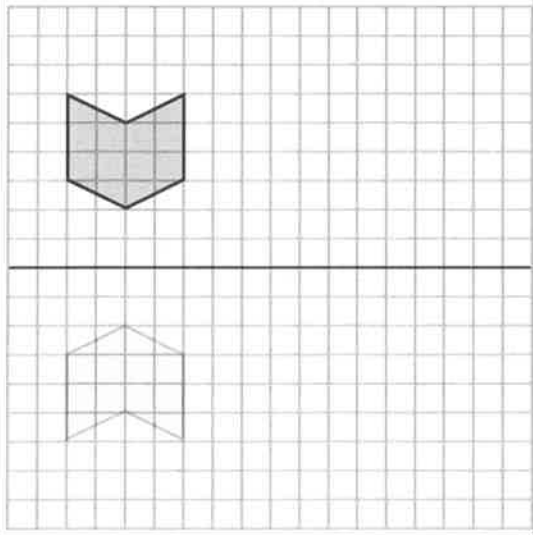
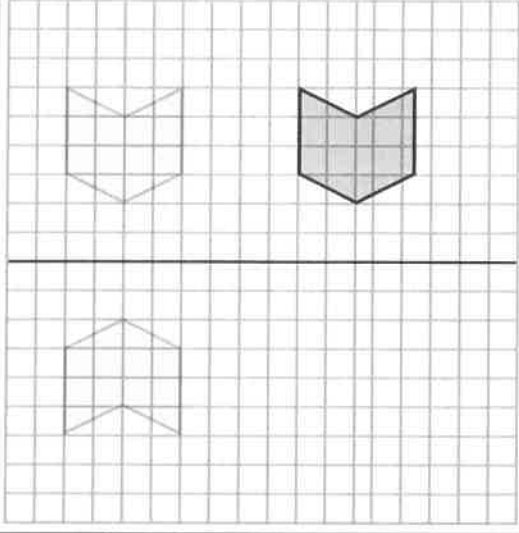


question	answer	marks	notes
1.			
a	12.6cm	1	Please be aware that line size will vary depending on printer settings.
b	141 mm	1	
2.			
a	9	1	
b	32	1	
3.			
	12	2	2 marks for a correct answer. 1 mark for 10 or 11, with evidence of recording 10 or 11 combinations with no repetition.
4.			
	horizontal and parallel	1	Both must be circled.
5.			
a	70, 77	1	
b	400, 475	1	
6.			
	8417 - 4753	2	2 marks for all correct. 1 mark if 3 digits correct.
7.			
a	11°C	1	
b	210 minutes	2	2 marks for 210 minutes. 1 mark for correctly identifying 11:00 and 14:30 as the times the temperature is 8°C.
8.			
	1.91 kg	2	2 marks for a correct answer. 1 mark for correct method, but one mistake in calculations.
9.			
	$\frac{2}{3}$ of 48	1	

question	answer	marks	notes								
10.											
	22 years	2	2 marks for the correct answer. 1 mark for evidence of correctly converting one of the years. (1994 and 2016).								
11.											
	1000	1									
12.											
	<table border="1" style="display: inline-table; text-align: center;"> <tr> <td>$\frac{1}{2}$</td> <td>$\frac{9}{16}$</td> <td>$\frac{5}{8}$</td> <td>$\frac{3}{4}$</td> <td>$\frac{7}{8}$</td> </tr> </table>	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1				
$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$							
13.											
	2, 4, 8, 16	1									
14.											
	£2336	2	2 marks for a correct answer. 1 mark for a correct calculation, but with 1 mistake in calculating.								
15.											
	<table style="display: inline-table; text-align: center;"> <tr> <td>0.69</td> <td>0.55</td> <td>2.09</td> <td>0.78</td> </tr> <tr> <td>1.24</td> <td>2.64</td> <td>2.87</td> <td></td> </tr> </table>	0.69	0.55	2.09	0.78	1.24	2.64	2.87		2	2 marks for all three correct. 1 mark for 2 correct.
0.69	0.55	2.09	0.78								
1.24	2.64	2.87									
16.											
a		1	1 mark for each correct answer.								

16.			
question	answer	marks	notes
b		1	
17.			
	Anna drinks 250 ml, Shen drinks 247.5 ml	2	2 marks for calculating how much both Anna and Shen drink and giving correct answer. 1 mark for correctly working out how much either Anna or Shen drinks.
18.			
a	$45\% = \frac{45}{100} = 0.45$	1	
b	$78\% = \frac{78}{100} = 0.78$	1	
19.			
	Answer at the back of the exam.	1	An angle between 114° and 118° .
20.			
	15.346 kg	2	2 marks for the correct answer. 1 mark for subtraction with 1 error in calculation.
		Total	
		35	