

Marking Instructions for Foundation Level - Paper 1 2006/2007

	Give 1 mark for each ●	Illustrations for awarding each mark
1(a)	ans: 29·31 ● ¹ answer	● ¹ 29·31 1 mark KU
1(b)	ans: £16.45 ● ¹ answer	● ¹ £16.45 1 mark KU
1(c)	ans: 23 ● ¹ knows to divide ● ² answer	● ¹ $161 \div 7$ ● ² 23 2 marks KU
2	ans: 1·49 litres ● ¹ knows to find 20% ● ² answer	● ¹ 20% of 7·45 or $\frac{1}{5}$ of 7·45 ● ² 1·49 litres 2 marks KU
3(a)	ans: 3·50pm ● ¹ knows to subtract time ● ² answer	● ¹ 5·15 – 1 hour 25 minutes ● ² 3·50pm 2 marks RE
3(b)	ans: 1550 ● ¹ answer	● ¹ 1550 1 mark KU
4	ans: 15p ● ¹ knows to find cost of 4 individual bars ● ² finds cost ● ³ knows to subtract ● ⁴ answer	● ¹ $35p \times 4$ ● ² £1.40 ● ³ £1.40 - £1.25 ● ⁴ 15p 4 marks RE
5(a)	ans: (2, 6) ● ¹ reads coordinate point correctly	● ¹ (2, 6) 1 mark KU
5(b)	ans: point (2, 8) plotted ● ¹ marks correct point on diagram	● ¹ mark at (2,8) 1 mark KU
5(c)	ans: south - west ● ¹ identifies correct direction	● ¹ south - west 1 mark KU
6	ans: completed table ● ¹ any 2 entries correct ● ² a further 2 entries correct ● ³ final entry correct	● ¹ ● ² completed table ● ³ 3 marks RE

7	ans: 154° ● ¹ knows to subtract from 180° ● ² answer	● ¹ $180^\circ - 26^\circ$ ● ² 154° 2 marks KU
8(a)	ans: 456 points ● ¹ knows to multiply ● ² answer	● ¹ 57×8 ● ² 456 points 2 marks KU
8(b)	ans: £450 ● ¹ knows to divide ● ² answer	● ¹ $3600 \div 8$ ● ² £450 2 marks RE
9	ans: 24°C ● ¹ takes reading from thermometer ● ² finds difference	● ¹ -8°C ● ² 24°C 2 marks RE

Total marks: KU 14 RE 13

Marking Instructions for Foundation Level - Paper II 2006/2007

	Give 1 mark for each •	Illustrations for awarding each mark
1	ans: 19.4 <ul style="list-style-type: none"> •¹ knowing to add •² knowing to divide by 5 •³ answer 	<ul style="list-style-type: none"> •¹ $16.2 + 19.4 + 15.7 + 23.2 + 22.5 = 97$ •² $97 \div 5$ •³ 19.4 <p style="text-align: right;">3 marks KU</p>
2	ans: no enough since $41 > 40$ <ul style="list-style-type: none"> •¹ knows to find perimeter •² finds perimeter •³ valid conclusion with reason 	<ul style="list-style-type: none"> •¹ $10 + 13 + 18 \dots$ •² $\dots = 41\text{m}$ •³ not enough since $41 > 40$ <p style="text-align: right;">3 marks RE</p>
3(a)	ans: 18th May 2007 <ul style="list-style-type: none"> •¹ reads date from calendar 	<ul style="list-style-type: none"> •¹ answer <p style="text-align: right;">1 mark KU</p>
3(b)	ans: £1276 <ul style="list-style-type: none"> •¹ chooses correct cost per person •² multiplies by 4 •³ answer 	<ul style="list-style-type: none"> •¹ £319..... •² $\dots \times 4$ •³ £1276 <p style="text-align: right;">3 marks RE</p>
4	ans: 182 miles <ul style="list-style-type: none"> •¹ knows to find time interval •² knows how to find distance •³ answer 	<ul style="list-style-type: none"> •¹ $0930 - 1300 = 3.5 \text{ hours}$ •² $52 \times 3.5 \dots$ •³ 182 miles <p style="text-align: right;">3 marks RE</p>
5(a)	ans: 9 cm <ul style="list-style-type: none"> •¹ measures dotted line (allow $\pm 0.2\text{cm}$ error) 	<ul style="list-style-type: none"> •¹ 9cm <p style="text-align: right;">1 mark KU</p>
5(b)	ans: 13.5 m <ul style="list-style-type: none"> •¹ knows to multiply by 1.5 •² answer 	<ul style="list-style-type: none"> •¹ $9 \times 1.5 =$ •² 13.5m <p style="text-align: right;">2 marks KU</p>
6(a)	ans: pattern drawn <ul style="list-style-type: none"> •¹ begins to continue pattern •² completes pattern 	<ul style="list-style-type: none"> •¹ adds 3 rhombi correctly •² adds further 3 rhombi correctly <p style="text-align: right;">2 marks KU</p>
6(b)	ans: 13, 16, 19, 31 <ul style="list-style-type: none"> •¹ completes 2 entries from 13, 16, 19 •² completes 3rd entry from 13, 16, 19 •³ completes last column entry 	<ul style="list-style-type: none"> •¹ 13, 16 •² 19 •³ 31 <p style="text-align: right;">3 marks RE</p>
6(c)	ans: multiply by 3 and add 1 <ul style="list-style-type: none"> •¹ knows to multiply by 3 •² knows to add 1 	<ul style="list-style-type: none"> •¹ multiply by 3 •² add 1 <p style="text-align: right;">2 marks RE</p>

7	ans: 3 hours 15 minutes <ul style="list-style-type: none"> ●¹ knows to divide by 12 ●² multiplies by 15 ●³ writes answer in hrs & mins 	<ul style="list-style-type: none"> ●¹ $156 \div 12 = 13$ ●² $13 \times 15 = 195$ minutes ●³ 3 hours 15 minutes <p style="text-align: right;">3 marks KU</p>
8	ans: 400cm² <ul style="list-style-type: none"> ●¹ finds breadth of one triangle ●² finds area of rectangle ●³ knows to half answer ●⁴ answer 	<ul style="list-style-type: none"> ●¹ $120 \div 6 = 20$cm ●² $20 \times 40 = 800$cm² ●³ $800 \div 2$ ●⁴ 400 cm² <p style="text-align: right;">4 marks KU</p>
9	ans: £52.50 <ul style="list-style-type: none"> ●¹ changes all weights to kg ●² finds total ●³ finds extra weight ●⁴ knows to multiply £7.50 by 7 ●⁵ answer 	<ul style="list-style-type: none"> ●¹ $31 + 23 + \underline{2.25}$ ●² 56.25kg ●³ $56.25 - 50 = 6.25$kg ●⁴ $\pounds 7.50 \times 7$ ●⁵ £52.50 <p style="text-align: right;">5 marks RE</p>
10	ans: £12 <ul style="list-style-type: none"> ●¹ knows to subtract deposit ●² knows to divide by 24 ●³ answer 	<ul style="list-style-type: none"> ●¹ $\pounds 308 - 20 = \pounds 288$ ●² $\pounds 288 \div 24$ ●³ £12 <p style="text-align: right;">3 marks RE</p>
11(a)	ans: 6240cm³ <ul style="list-style-type: none"> ●¹ knows how to find volume ●² answer 	<ul style="list-style-type: none"> ●¹ $26 \times 20 \times 12$ ●² 6240 cm³ <p style="text-align: right;">2 marks KU</p>
11(b)	ans: 90 cubes <ul style="list-style-type: none"> ●¹ any valid strategy ●² finds how many cubes along each edge ●³ answer 	<ul style="list-style-type: none"> ●¹ evidence ●² $6 \times 5 \times 3$ ●³ 90 cubes <p style="text-align: right;">3 marks RE</p>
12	ans: frequency table completed <ul style="list-style-type: none"> ●¹ uses tally marks ●² any 3 entries in frequency column correct ●³ further 2 entries correct ans: 3 hours <ul style="list-style-type: none"> ●¹ reads modal 	<ul style="list-style-type: none"> ●¹ evidence ●² 3, 4, 6 ●³ 5, 2 <p style="text-align: right;">3 marks KU</p> <ul style="list-style-type: none"> ●¹ 3 hours <p style="text-align: right;">1 mark KU</p>

<p>13(a)</p>	<p>ans: 10 minutes</p> <ul style="list-style-type: none"> ●¹ knows to multiply by 4 ●² answer 	<ul style="list-style-type: none"> ●¹ 2.5×4 ●² 10 minutes <p style="text-align: right;">2 marks KU</p>
<p>13(b)</p>	<p>ans: 24 cars</p> <ul style="list-style-type: none"> ●¹ knows to divide by 10 and multiply by 4 ●² answer 	<ul style="list-style-type: none"> ●¹ $60 \div 10 \times 4$ (or equivalent) ●² 24 cars <p style="text-align: right;">2 marks RE</p>
<p>14</p>	<p>ans: 6cm</p> <ul style="list-style-type: none"> ●¹ finds scale factor ●² knows to divide to answer 	<ul style="list-style-type: none"> ●¹ $12 \div 4 = 3$ (or equivalent) ●² $18 \div 3 = 6\text{cm}$ <p style="text-align: right;">2 marks KU</p>

Total marks: KU 26 RE 27

Total Marks for Papers I and II:

KU 40

RE 40