



Confidential

MARK SCHEME

{6880/01}

MARKS: 60

Qstn	Answer	Marks
1(a)	$2 \times 2 \times 2 \times 3 \times 3$	1
(b)	$2^3 \times 3^2$	1
2(a)	5	1
(b)	2060	1
3(a)	3: 7	1
(b)	1: 4	2
4(a)	Translation $\begin{pmatrix} 4 \\ -5 \end{pmatrix}$	1
(b)	Triangle drawn at $(-1, -1)$; $(-3, -1)$; $(-1, -4)$.	1
5(a)	6300 (millilitres)	1
(b)	15 (minutes)	1
6(a)	31.4	1
	$\frac{300}{360} \times 3.14 \times 12$	2
	OR $\frac{300}{360} \times 3.14 \times 12$	1
(b)	43.4 (their (a) +12)	
7	$\frac{7}{15}, \frac{1}{2}, \frac{2}{3}, \frac{4}{5}, \frac{5}{6}$	1
	$\frac{20, 24, 15, 25, 14}{30}$	2
8(a)	4, 1, 1	1
(b)	Graph correctly drawn	2
9(a)	17	1
(b)	$16x + 10$	1
		1
10(a)	156	1
	$180 - 24$	1
(b)	15	
	$\frac{360}{24}$	1
		1
11(a)	$5ab(3a - 8b)$	2
(b)	$(x =) 2.25$	2
	$4x = 9$	1
12	(E)375	
	$\frac{6}{100} \times 2500 \times \frac{30}{12}$	1
		2
13(a)	$x + 25$	1
(b)	$(x =) 6$	1
	$x + x + 25 = 37$	1

Qstn	Answer	Marks
14	$\frac{a-11}{4}$ $\frac{2(a-3)-(a+5)}{4}$ $\frac{2a-6-a-5}{4}$	<p style="text-align: right;">1</p> <p style="text-align: center;">1 1</p>
15 (a)	All 3 given sides drawn accurately The two given angles drawn accurately	1 2
(b)	5.2cm \pm 0.2cm 3.9 \pm 0.2cm	1
16	(p =) 15	1 1
17(a)	1, 3, 5, 7, 9	1
(b)	1, 3, 4, 5, 7, 8, 9	1
(c)	1, 2, 5, 6, 7, 10	1
18(a)(i)	8	1
(ii)	34	2
(b)(i)	$\frac{6}{34}$ oe	
(ii)	$\frac{12}{34}$ oe	1
		1
19	60	3