

School Certificate Mathematics 2003

Quick Answers

Disclaimer

These answers are intended as a quick guide only. To save space there are no worked solutions or diagrams. For greater detail please refer to fully worked solutions.

Section 1

1. \$4.90
3. 3110 mm.
4. One and a half hours pay will be lost.
5. 11 or 35.
6. \$6742.
7. 128475
8. $(8 - 3 - 2) \times 5 = 15$
9. $\frac{3}{10}$.
10. 9, 10 and 11.
11. 24 seconds.
12. 64 strips.
14. 270 non-flowering plants.
15. \$800.
16. Money earned as a percentage of sales.
17. 32 chairs in each row.
18. $934 - 283 = 651$.
19. 6 and 7.
20. 5.
22. \$150.
23. 1 or 4 or 7.
24. 72 cm^2 .

Section 2 – Part A

26	D
27	D
28	C
29	A
30	B
31	B
32	B
33	C
34	D
35	A
36	B
37	D
38	C
39	A
40	B
41	A
42	D
43	B
44	C
45	A
46	A
47	B
48	B
49	D
50	B
51	A
52	D
53	D
54	A
55	A
56	C
57	A
58	C
59	D
60	B
61	D
62	C
63	C
64	B
65	D
66	C
67	D
68	A
69	D
70	B
71	C
72	A
73	C
74	A
75	C
76	b,c,d
77	a,c,d
78	a,b,c
79	b,c,d
80	a,b

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Section 2 – Part B

Question 81

- (a) A trapezium.
- (b) 40 cm.
- (c) A rotation.
- (d) 1:4.

Question 82

- (a) (i) 16 minutes.
(ii) 32, 33 or 34.
- (b) (i) 4, 7, 4
(iii) It is more likely that the chinese food will be ready in under 15 minutes.

Question 83

- (a) (i) 1980 cm^2 .
- (b) 5 cm.
- (c) 65 m.

Question 84

- (a) 377.
- (b) 89.
- (c) $8 \times 34 + 1 = 13 \times 21$.
- (d) $S - F$.
- (e) The sum of the first 50 numbers will be one less than the 52nd number in the sequence.