

18-19 F.4
2nd TERM EXAM
MATH CP
PAPER 1

2018 – 2019
Form 4 Second Term Examination

MATHEMATICS Compulsory Part

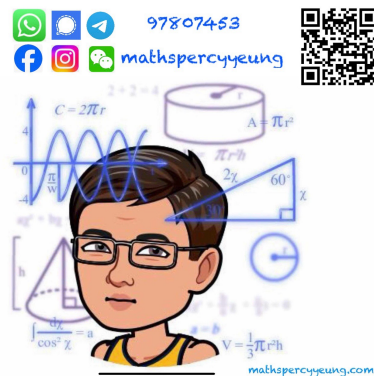
PAPER 1

Question–Answer Book

5th June, 2019
8:15 am – 9:45 am (1 hour 30 minutes)
This paper must be answered in English

INSTRUCTIONS

1. Write your name, class and class number in the spaces provided on this cover.
2. This paper consists of THREE sections, A(1), A(2) and B.
3. Attempt ALL questions in this paper. Write your answers in the spaces provided in this Question – Answer Book. Do not write in the margins. Answers written in the margins will not be marked.
4. Unless otherwise specified, all working must be clearly shown.
5. Unless otherwise specified, numerical answers should be either exact or correct to 3 significant figures.
6. The diagrams in this paper are not necessarily drawn to scale.



Sections	Marks
A (1 – 4)	/14
A (5 – 10)	/27
A Total	/41
B Total	/29
TOTAL	/70

Answers written in the margins will not be marked.

3. Make a the subject of the formula $\frac{6a-2b+3}{4a} = 7$. (3 marks)

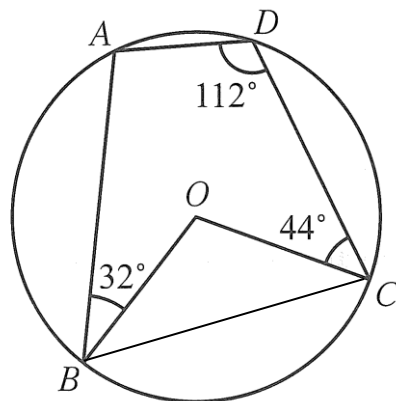
4. The cost of a toy car is \$40. It is sold at a profit percentage of 20%.
(a) Find the selling price of the toy car.
(b) If the marked price of the toy car is \$80, find the discount percentage. (4 marks)

Answers written in the margins will not be marked.

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Section A(2) (27 marks)

5. In the figure, O is the centre of the circle $ABCD$. It is given that $\angle ABO = 32^\circ$, $\angle ADC = 112^\circ$ and $\angle DCO = 44^\circ$. Find $\angle OBC$ and $\angle BAD$. (4 marks)



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14 continued

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