



Pioneer Primary School

P5 Mathematics Briefing

4th August 2017



Outline

- 1. Changes to PSLE SMA Maths Exam Format**
- 2. Changes to PSLE FMA Maths Exam Format**



PSLE P6 **Standard** Maths Examination Format (2018 Onwards)

Total Marks: 100
Total No. of Questions: ~~48~~ **47**
Duration of Paper 1: ~~50 min~~ **1 h**
Duration of Paper 2: ~~1 h 40 min~~ **1 h 30 min**

Paper 1				Paper 2			
MCQ (Booklet A)		SAQ (Booklet B)		SAQ		LAQ	
No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	No. of Qns	Marks per Qn
10	1	40 5	1	5	2	13 12	3, 4 or 5
5	2	5 10	2				

Paper 1: Increase from 40m to 45m

Paper 2: Decrease from 60m to 55m

Standard / Foundation Maths Assessment Objectives (Old)

QUESTION TYPE	DESCRIPTORS
Knowledge	Recall specific mathematical facts, concepts, rules and formulae, and to perform straightforward computations
Comprehension	Interpret data and use mathematical concepts, rules or formulae in familiar situations
Application and Analysis	Analyse data and/or to apply mathematical concepts, rules or formulae in unfamiliar situations

Standard Maths Assessment Objectives (**New**)

QUESTION TYPE	DESCRIPTORS
A01	Recall mathematical facts, concepts, rules and formulae, and to perform straightforward computations and algebraic procedures
A02	Interpret information; understand and apply mathematical concepts and skills in a variety of contexts
A03	Reason mathematically ; analyse information and make inferences ; select appropriate strategies to solve problems

Example of AO1 Question (SMA)

AO1: Paper 1 Q1

There were 212 089 visitors to a tourist attraction last year. Express this number to the nearest thousand.

- (1) 200 000
- (2) 210 000
- (3) 212 000
- (4) 213 000

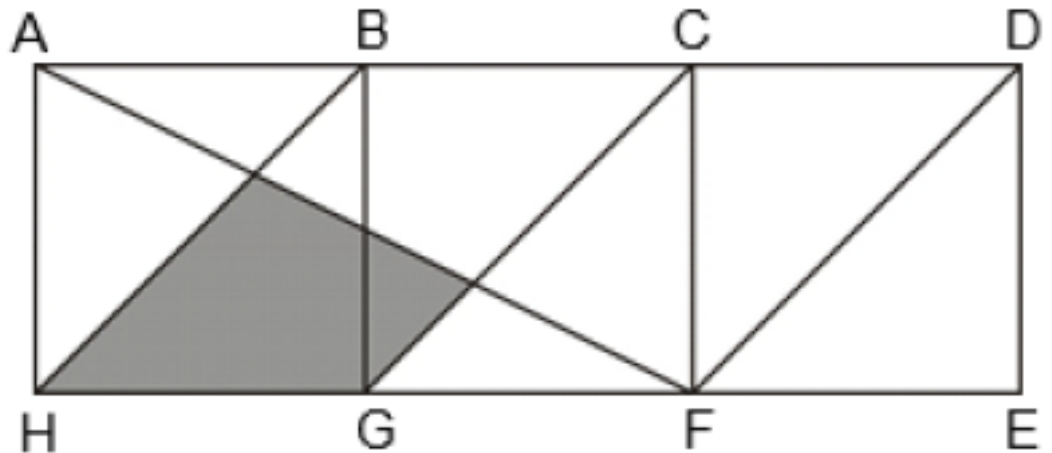
Recall mathematical facts, concepts, rules and formulae, and to perform straightforward computations and algebraic procedures

Example of AO2 Question (SMA)

AO2: Paper 1 Q6

The figure is made up of three squares ABGH, BCFG and CDEF. What fraction of the figure ADEH is shaded?

- (1) $\frac{1}{5}$
- (2) $\frac{1}{6}$
- (3) $\frac{1}{7}$
- (4) $\frac{1}{8}$



Interpret information; **understand and apply** mathematical concepts and skills in a variety of contexts

Example of AO3 Question (SMA)

AO3: Paper 2 Q9

There are two numbers. One is 5 times the other. They have exactly six common factors. Three of the common factors are 1, 2 and 9.

- (a) What are the other three common factors?
- (b) What are the two numbers?

Reason mathematically; analyse information and **make inferences**; **select appropriate strategies** to solve problems



PSLE P6 **Foundation** Maths Examination Format (2018 Onwards)

Total Marks: ~~100~~ **90**
Total No. of Questions: ~~48~~ **46**
Duration of Paper 1: 1 h
Duration of Paper 2: ~~1 h 15 min~~ **1 h**

Paper 1				Paper 2			
MCQ (Booklet A)		SAQ (Booklet B)		SAQ		LAQ	
No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	No. of Qns	Marks per Qn	No. of Qns	Marks per Qn
10	1	0	0	10	2	8 6	3, 4 or 5
10	2	10	2				
Paper 1: Remains at 50m				Paper 2: Decrease from 50m to 40m			

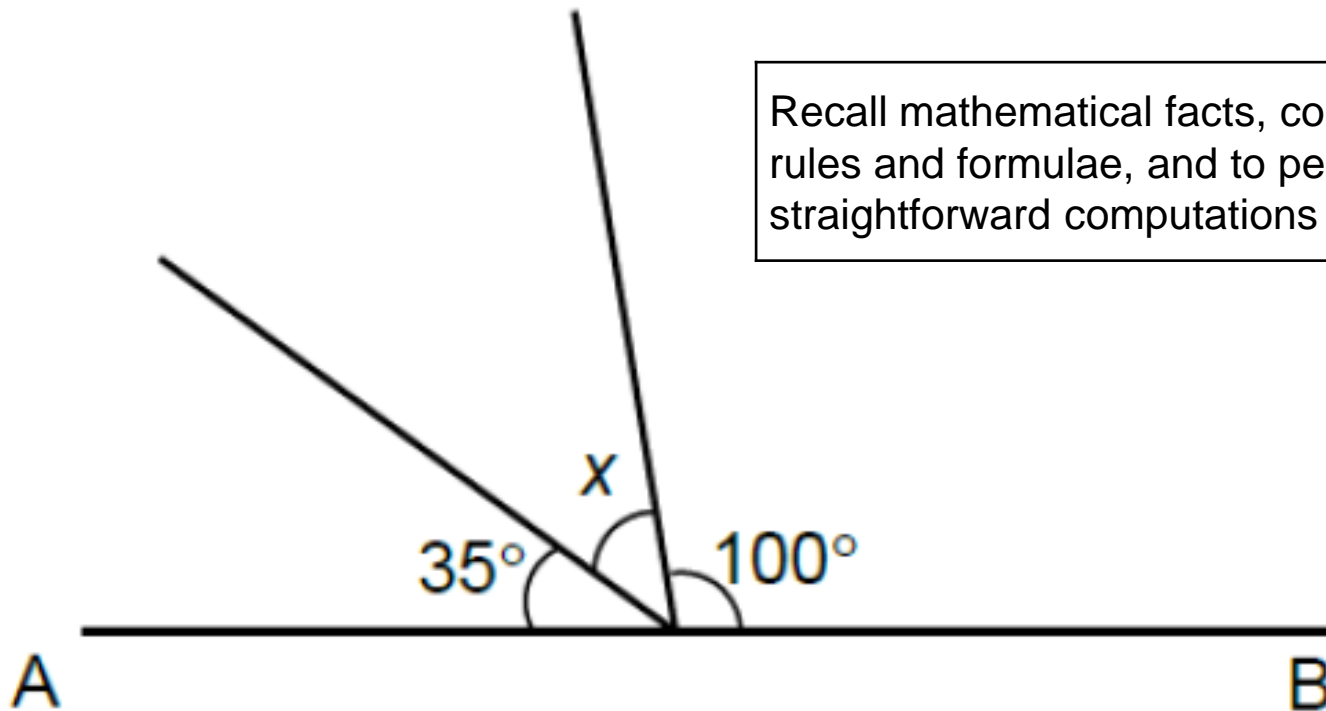
Foundation Maths Assessment Objectives (**New**)

QUESTION TYPE	DESCRIPTORS
A01	Recall mathematical facts, concepts, rules and formulae, and to perform straightforward computations
A02	Interpret information; understand and apply mathematical concepts and skills in a variety of simple contexts
A03	Reason mathematically ; analyse information and make inferences in simple situations

Example of AO1 Question (FMA)

AO1: Paper 1 Q26

In the figure shown, AB is a straight line. Find $\angle x$.



Recall mathematical facts, concepts, rules and formulae, and to perform straightforward computations

Example of AO2 Question (FMA)

AO2: Paper 1 Q27

Are the statements below possible? Write “Yes” or “No” for each.

The height of a teacher’s table in a classroom is 80 cm.

The height of a flagpole in a school is 6 km.

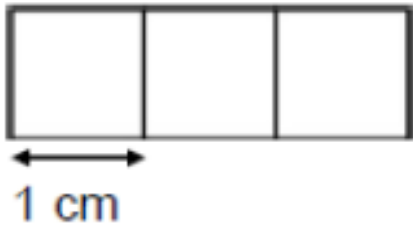
The height of a woman is 16 m.

Interpret information; **understand and apply** mathematical concepts and skills in a variety of **simple** contexts

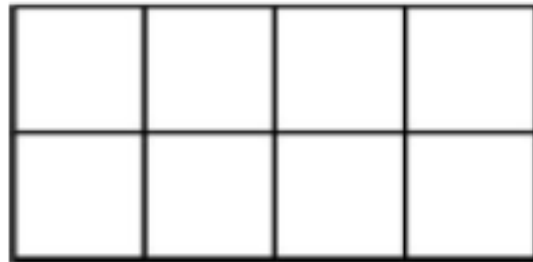
Example of AO3 Question (FMA)

AO3: Paper 2 Q16

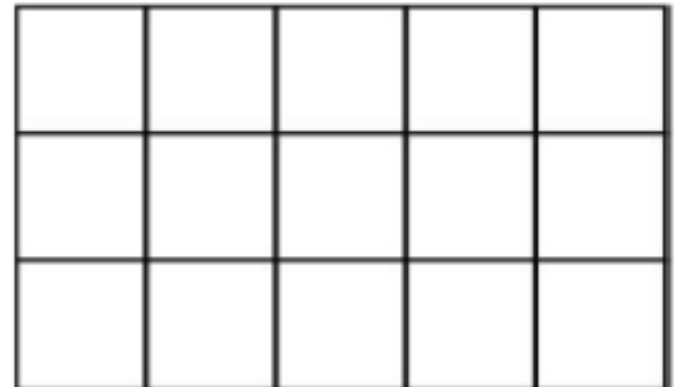
Aini used 1-cm square tiles to make rectangles that follow a pattern as shown below. She recorded the area and perimeter of 3 such rectangles in the table shown.



Rectangle 1



Rectangle 2



Rectangle 3

Reason mathematically; analyse information and **make inferences** in simple situations



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