

Preparing Your Child For

PSLE MATHEMATICS

Outline



- Purpose of the examination
- Examination Format
- **Points to note** - Topics to be tested
 - Programme to help our students
- SEAB and MOE websites

Purpose of the Examination

The purpose of the Mathematics examination is to **assess pupils' attainment** in Mathematics at the end of primary education **with respect to the objectives of the primary Mathematics curriculum.**

Examination Format

Foundation Mathematics

Duration of Paper

**The time allocation for the paper is
2 hours 15 minutes**

Examination Format



PSLE FOUNDATION MATHEMATICS FORMAT 2014

Paper	Booklet	Item Type	No. of questions	No. of marks	Weighting	Duration
1	A	MCQ	10	1	10%	1h
			10	2	20%	
	B	Short Answer	10	2	20%	
2		Short Answer	10	2	20%	1h 15min
		Structured	8	3, 4, 5	30%	
		TOTAL:	48		100%	2h 15min

Points to note



Paper 1

- Consists of Booklets A & B.
- Pupils are required to complete BOTH booklets.
- The use of calculators is **not allowed**.

Paper 2

- Pupils are to show all working clearly.
This helps them in their thought processes when solving problems.
- The use of calculators is allowed.





Primary 6 Foundation Mathematics for PSLE

Topics	Proposed weightings
Whole Numbers, Fractions, Decimals	36%
Measurement (Time, Perimeter, Area, Volume)	28%
Geometry	12%
Data Analysis (Average, Tables and Graphs)	14%
Percentage	10%
Total	100%

ASSESSMENT OBJECTIVES

Pupils should be able to:

- ✓ **Recall specific mathematical facts, concepts, rules and formulae, and to perform straightforward computations.**
(Knowledge)

Example of '*Knowledge*' question:

Which digit is in the thousands place in
623 489 ?

- (1) 8
- (2) 2
- (3) 3
- (4) 4

ASSESSMENT OBJECTIVES



Pupils should be able to:

- ✓ **Interpret data and use mathematical concepts, rules or formulae to solve routine or familiar mathematical problems.**

(Comprehension)

Example of '*Comprehension*' question:



The area of a square is 25cm^2 .

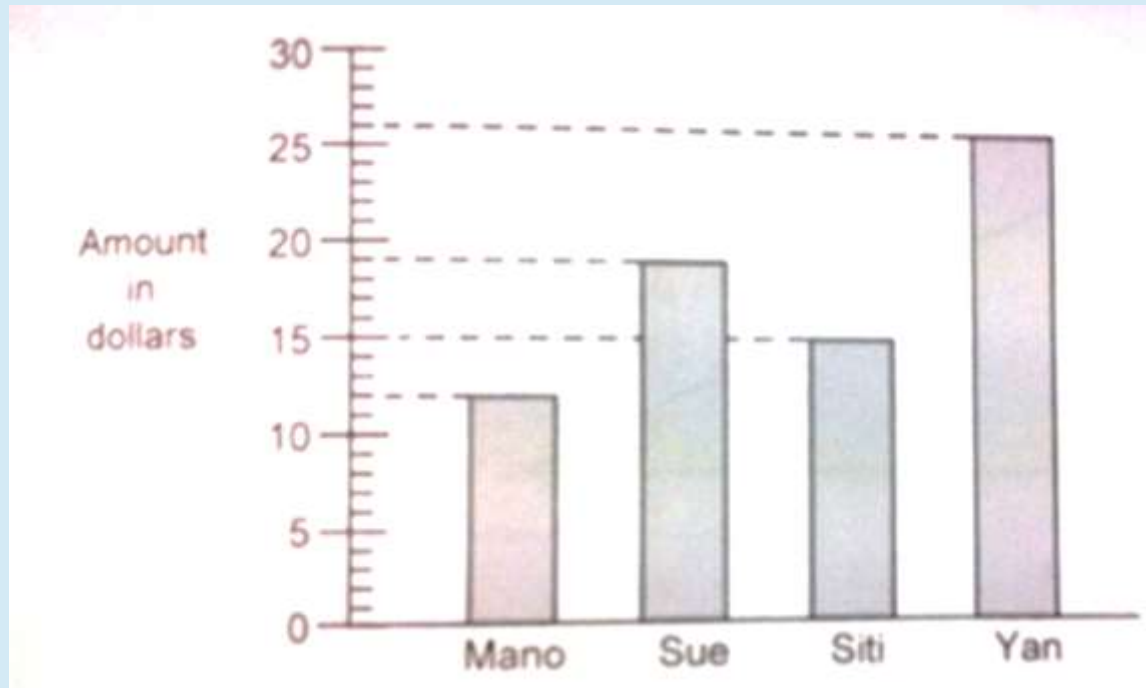
What is the length of the square ?

Formula
 $L \times L = \text{Area}$

Example of 'Comprehension' question:



The bar graph shows the savings of four pupils.



How much more did Yan save than Mano ?

Interpret
data

ASSESSMENT OBJECTIVES



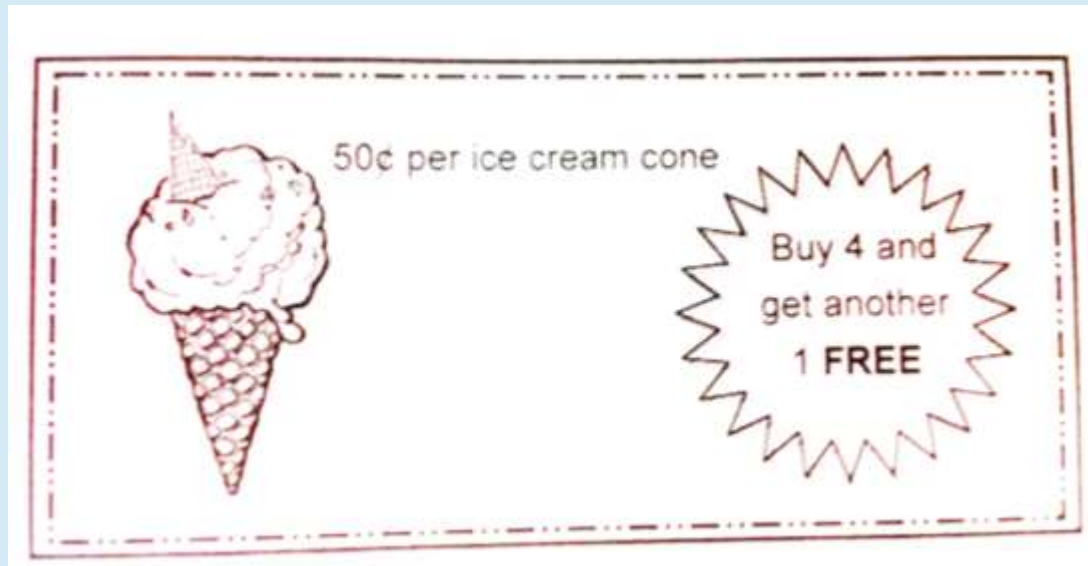
Pupils should be able to:

- ✓ Analyse data and/or apply mathematical concepts, rules or formulae in a complex situation, and to solve unfamiliar problems.
(Application & Analysis)

Example of 'Application & Analysis' question



**Mrs Tan saw the poster in a supermarket.
She spent \$ 5 buying ice cream cones.
How many ice cream cones did she get
altogether ?**



Proportion
4 Operations

Example of 'Application & Analysis' question



Beads are joined together as shown in the patterns below. How many beads will there be in Pattern 5?



Pattern 1
2 beads



Pattern 2
5 beads



Pattern 3
10 beads

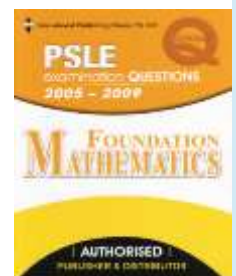


Pattern 4
17 beads

?

Pattern 5

- (1) 24
- (2) 26
- (3) 32
- (4) 34



Maths Programme to help pupils



- Catch Up Maths (CUM) – Focus group parallel teaching
- Before School Speed Test Programme (Morning class)
- Maths Examination Conditioning Exercise
- Weekly Supplementary Programme

To do well in the PSLE



- Attend school everyday, do not skip lessons
- Approach teachers when in doubt
- Know the multiplication tables very well

To do well in the PSLE



- Complete school work and homework well and on time
- Constant revision and practice
- Use your time wisely

SEAB & MOE websites



PSLE information can be obtained from:

<http://seab.gov.sg/psle/pslePublications.html>

Maths syllabuses can be obtained from:

<http://www.moe.gov.sg/cpdd/syllabuses.html>