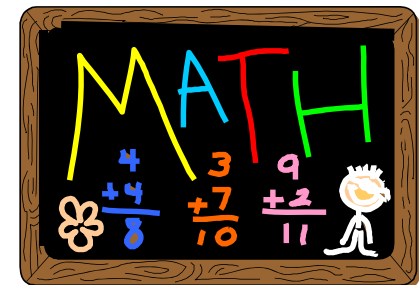


Briefing on Standard Mathematics for P6 Parents

12 January 2018



PSLE Examination Format (Standard)

Paper	Booklet	Item Type	No. of Question	No. of Marks per question	Section Marks	Duration
1	A	MCQ	10	1	10m	1 h
			5	2	10m	
	B	SAQ	5	1	5m	
			10	2	20m	
2 (Calculator s allowed)		SAQ	5	2	10m	1h 30min
		Structured/ LAQ	12	3,4,5	45m	
			47		100m	

PSLE Examination Format (Standard)



Item Type	Description
MCQ (20 marks)	1-m questions are likely to be straightforward questions that assess the basic concepts and skills in the Primary Mathematics Syllabus
Short answer (35 marks)	1-m questions: Marks are given for answers only. No method mark is given.
	10 2-m questions: Need to show working. Marks may be awarded for correct method.
Structured/ Long answer (45 marks)	Consists of questions that test application of concepts and skills. Solution must be clearly shown for marks to be awarded, i.e. equations must be written clearly.

Note: In order for students to do well, they have to be able to handle word problems.

General information

- Both papers are taken on the same day with a break between the two papers.
- All information on the PSLE, such as the timetable, the list of approved **calculators** can be viewed and downloaded from the SEAB website <http://www.seab.gov.sg/>
- The use of calculator is not limited to any topic.
- Calculators will be checked before exam to ensure that they are in approved list.

Content Coverage

Whole Numbers Fractions Percentage Decimals Ratio		Algebra
Measurement: Area & Perimeter Length, Mass & Volume		Speed
Geometry		Data Analysis: Graphs (Bar, Line, Pie) Average



content with heavier weighting

SMA paper will include concepts from P1 to P6

What's New in PSLE 2018?

- New question type: True/ False/ Impossible to tell
- New content tested: Solve simple equations

What's New in PSLE 2018?

Example 1

The average height of some children is 160 cm. There is an equal number of boys and girls. The average height of the boys is 170 cm.

Each statement is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

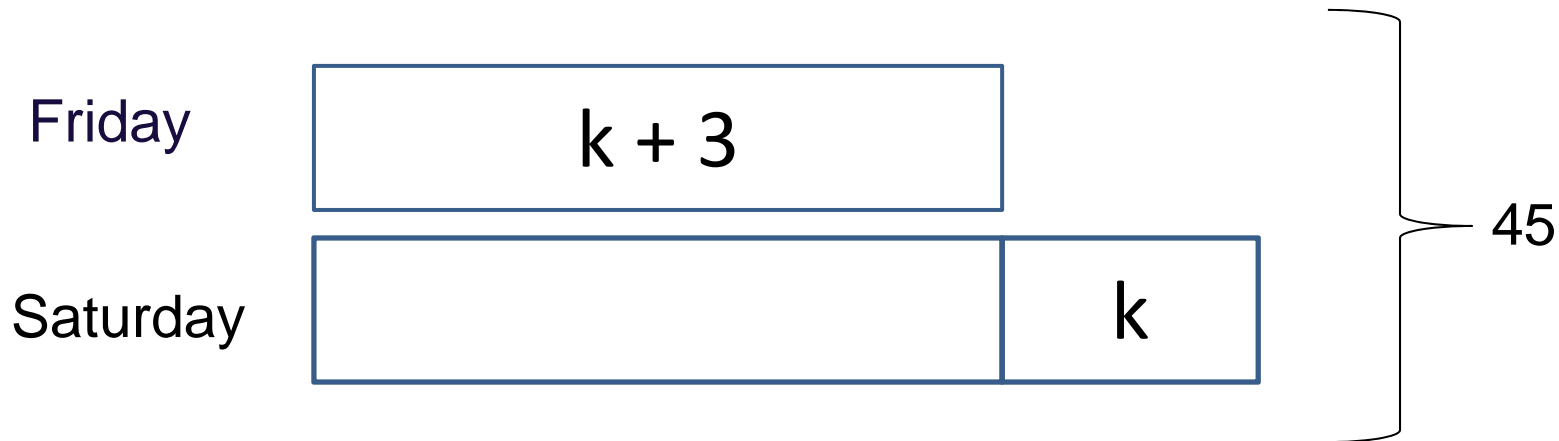
Statement	True	False	Not possible to tell
All the boys are taller than all the girls.			
The average height of the girls is shorter than 160 cm.			

What's New in PSLE 2018?

Example 2

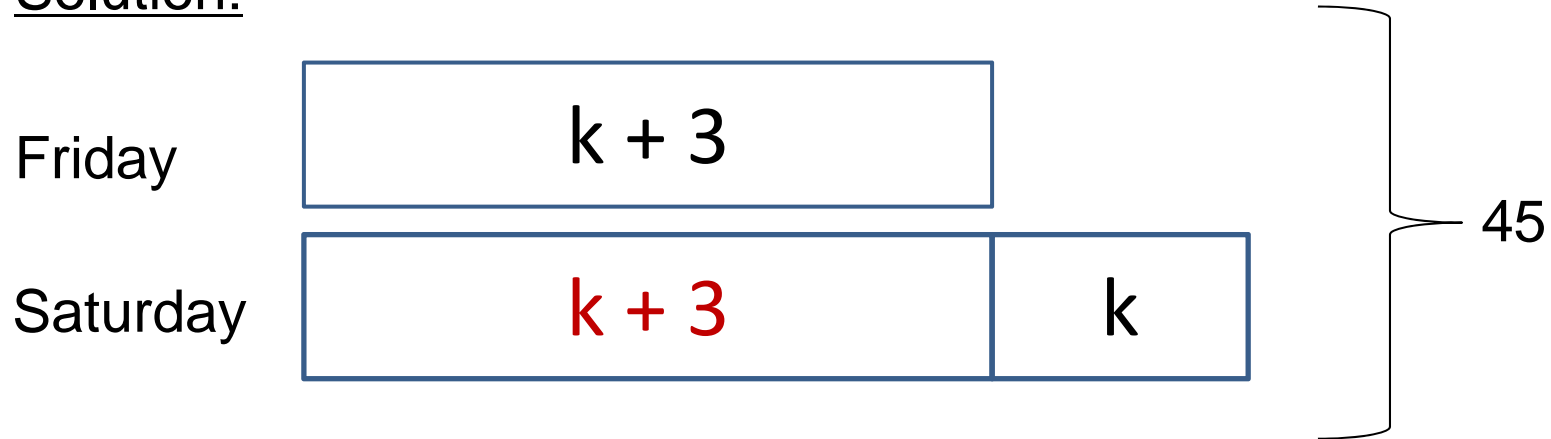
Yumin sold $(k+3)$ tickets on Friday. He sold k more tickets on Saturday than on Friday. Altogether, he sold 45 tickets on the two days. Find the value of k .

Solution:



What's New in PSLE 2018?

Solution:



From model drawn:

$$k + 3 + k + 3 + k = 45$$

$$3k + 6 = 45$$

$$3k = 45 - 6$$

$$= 39$$

$$k = 39/3$$

$$= 13$$

Tips to do well

1. Manage the time well so there is time for checking

2. Learn the basic concepts and skills well, e.g. timestable, number bonds, algorithms, contexts for 4 operations so there is more time for other important stuff

Tips to do well

**3. Break down an unfamiliar problem.
Analyse the problem sentence by sentence
using RCUB.**

Polya's Problem Solving Process

- Understanding the problem (RCUB is used here)
- Devising a plan
- Carrying out the plan
- Looking back

(Polya, 1945)

RCUB in decoding word problems

T read the problem

E ircle the numbers

W nderline the key words

D ox the question

There are 100 children in Primary 3.

59 of them are boys. How many girls are there?

Tips to do well

4. Practise! Practise! Practise!

- Know thy **problems**
- Know thy **mistakes**
- Know thy **methods**

Tips to do well

4. Practise! Practise! Practise!

Variations of a question

Gopal and Joseph had \$200 altogether. Gopal had \$60 more than Joseph. How much money did Gopal have?

There are 200 children at a school camp. There are 60 fewer boys than girls at the camp. How many boys were there at the camp?

How the school is helping your child

- Small group teaching
- Supplementary lessons weekly and during holidays
- Sufficient practice papers
- Re-teaching key skills and concepts
- Exposure to different types of questions

You can play a part too

- Ensure your child has good work habits, e.g.
 - Use **RCUB** to understand word problems
 - Do school work **with understanding.**
 - Try **every** question in school work
 - Use the calculator **only** for questions with calculator icon (in Workbooks) or for Paper 2 questions.

Thank You

