

PARENT'S GUIDE

IS YOUR CHILD HAVING
TROUBLE WITH



WORD
PROBLEMS?

DID YOU
KNOW?

Model drawing is
1 VERY IMPORTANT
in solving Primary Maths Word Problems.

2 80%
of the PSLE questions
can be solved using
model drawing.

3 Students who uses
model drawing can
understand the word problems
better than those who
doesn't by nearly
70%.

LET'S CHECK YOUR CHILD'S UNDERSTANDING.



Can your child answer both
the questions using model drawing?

Question 1

There is a total of 240 Malay and Chinese pupils in a school.
 $\frac{1}{4}$ of the Chinese pupils and $\frac{1}{2}$ of the Malay pupils are girls.
There is an equal number of Malay as Chinese boys. How many
more Malay than Chinese pupils are there in the school?

Question 2

A total of 900 people participated in a cross country race. $\frac{1}{4}$ of
the male participants is 72 more than $\frac{1}{5}$ of the female
participants. Are there more male or female participants? How
many more?

NEXT PAGE FOR
ANSWERS

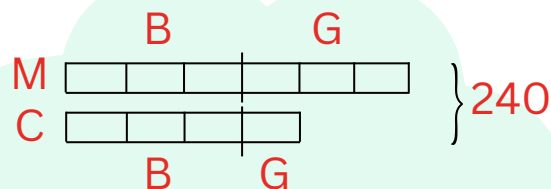


HERE'S THE MODEL AND ANSWERS

Did your child gets it correctly?

Question 1

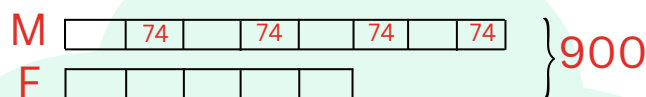
There is a total of 240 Malay and Chinese pupils in a school. $\frac{1}{4}$ of the Chinese pupils and $\frac{1}{2}$ of the Malay pupils are girls. There is an equal number of Malay as Chinese boys. How many more Malay than Chinese pupils are there in the school?



$$\begin{aligned} 10 \text{ units} &\rightarrow 240 \\ 1 \text{ unit} &\rightarrow 24 \\ 2 \text{ units} &\rightarrow 48 \end{aligned}$$

Question 2

A total of 900 people participated in a cross country race. $\frac{1}{4}$ of the male participants is 72 more than $\frac{1}{5}$ of the female participants. Are there more male or female participants? How many more?



$$\begin{aligned} 9 \text{ units} &\rightarrow 900 - 72 \times 4 \\ &= 612 \\ 1 \text{ unit} &\rightarrow 68 \\ F &\rightarrow 340 \\ M &\rightarrow 560 \end{aligned}$$

Males have 220 more than Females



FACTS

Both questions:

- are not from the same level
- are done using model drawing
- can be rephrased and used in other chapters
- are solved using BAMethodology

What is?

BRAINMASTERS'
ACCCELERATED
METHODOLOGY!
3-Stage Proficiency





BAMethodology is a 3-Stage Proficiency Process which emphasise on the development of a child's learning in Maths Word Problems.

STAGE ① Understanding
and
Application of model drawing.

STAGE ② Analysing
and
Extraction of Details
from the questions.

STAGE ③ Topical Understanding
and
Execution on questions.

BAM **ETHODOLOGY!** 3-Stage Proficiency

FRACTIONS

WHOLE NUMBERS

DECIMALS

PERCENTAGE

RATIO

**&
MANY
MORE...**

**WORD
PROBLEMS
SOLVED!**

**DON'T LET
THIS
PROBLEM
ESCALATE!!!**

HEAR IT TO BELIEVE IT!

!! My Maths was always around the 50-60 range until I've learnt the easy method. It helped me to understand the topics and scored AL3 for my PSLE in less than a year.!!



MELSON CHIA
PRIMARY 6

!! The method taught was so simple that I can apply it to all the word problems in just a few lessons. My Maths result shot up from fail to top few positions in class.!!



KAYDEN LEE
PRIMARY 5



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LET US HELP YOU!

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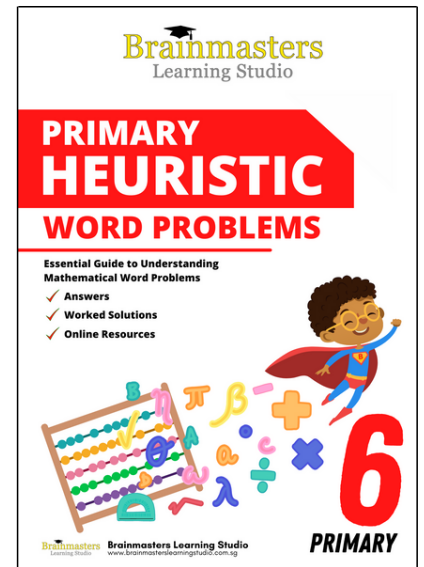
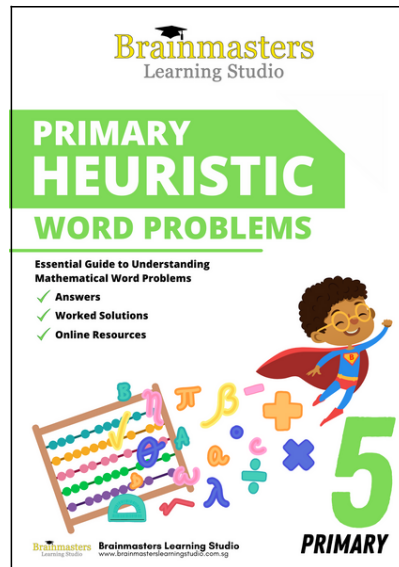
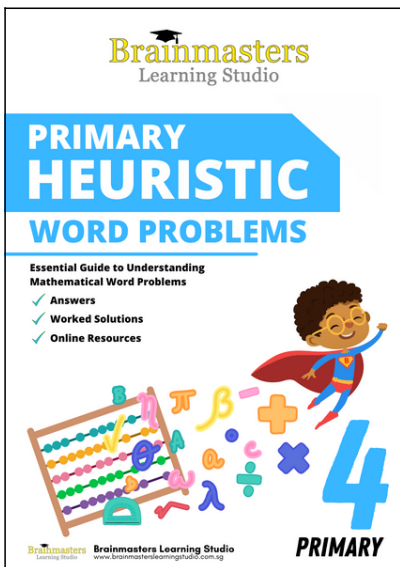
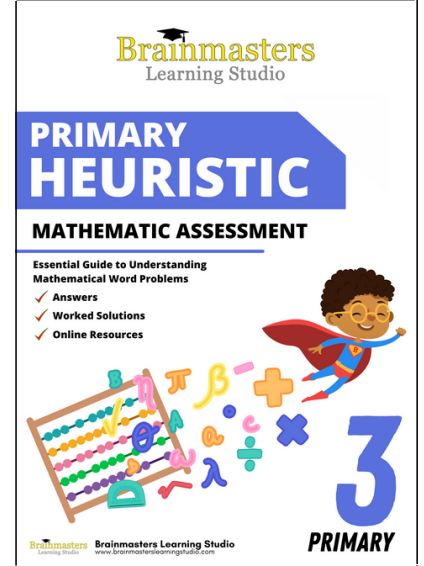
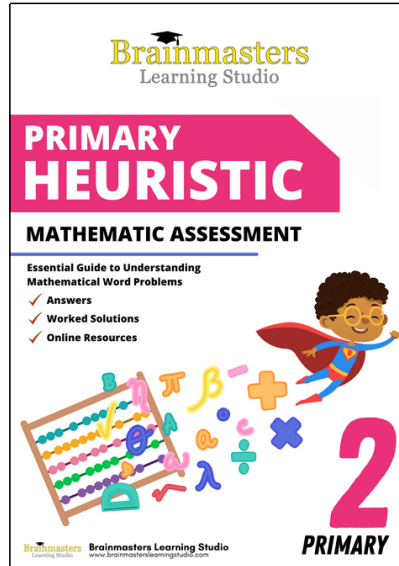
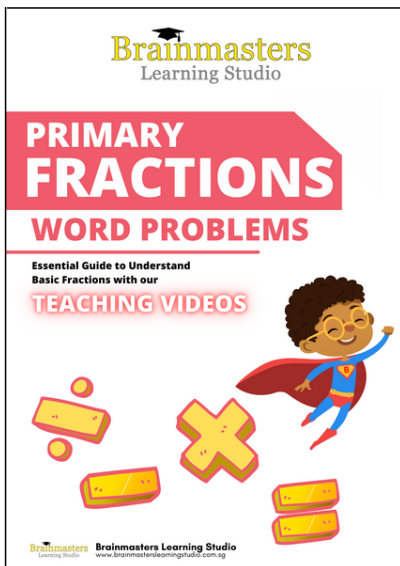
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OUR MATERIALS



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