



P4 Parents' Engagement Mathematics



Overview

- Mathematics Curriculum
- P4 Mathematics Assessment Format
- Home Support for Your Child



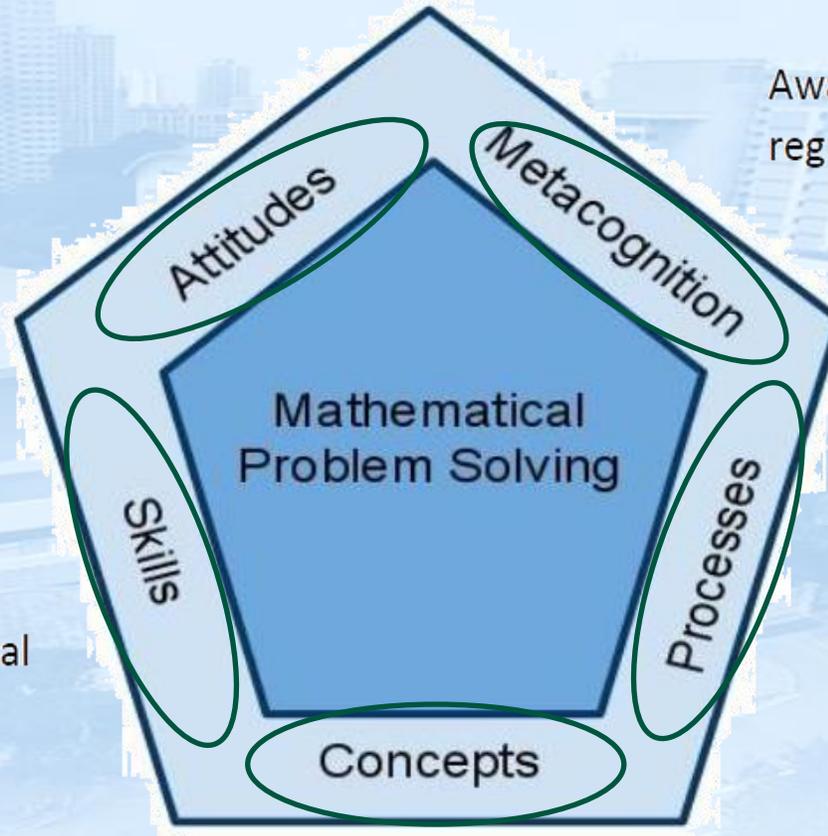
Mathematics Curriculum



Mathematics Curriculum Framework

Belief, appreciation,
confidence, motivation,
interest and perseverance

Proficiency in carrying out
operations and algorithms,
visualising space, handling
data and using mathematical
tools



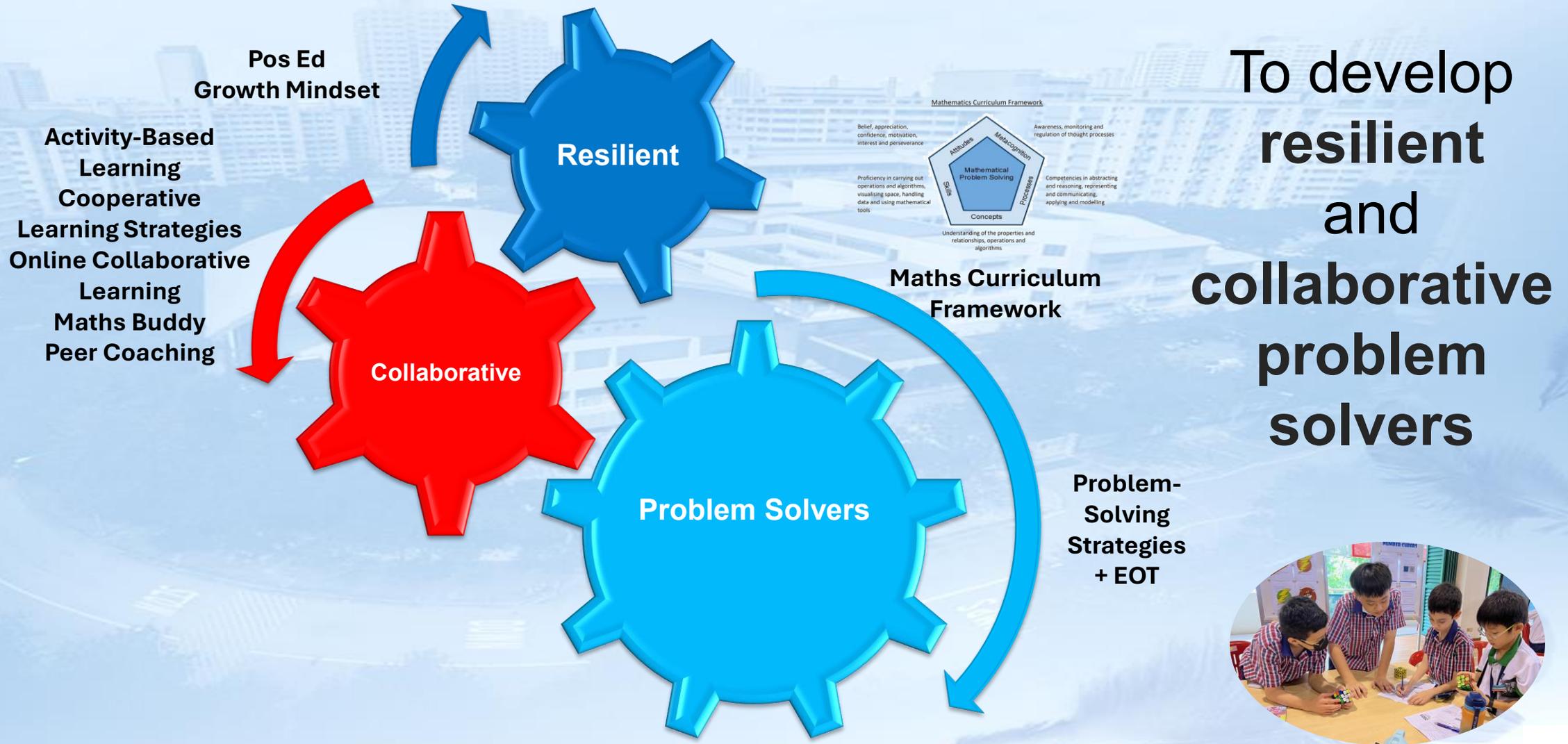
Awareness, monitoring and
regulation of thought processes

Competencies in abstracting
and reasoning, representing
and communicating,
applying and modelling

Understanding of the properties and
relationships, operations and
algorithms



YHPS Maths Department Mission



P4 Mathematics Assessment Format



Formative Assessment (Non-Weighted)

Math Department 2025

YUHUA PRIMARY SCHOOL
Primary 4 Standard Mathematics
Topical Review 1




Name : _____ () Date: _____
Class : _____

Parent's signature: _____

Topic: WHOLE NUMBERS

- Complete the Topical Review questions.
- Fill in the "I think..." columns in the self-assessment checklist.
 - Use the "I know how to" statements and refer to the question numbers.
 - Tick (✓) the level you think you are at.

| Self-Assessment Checklist and Feedback | | | | | | |
|---|------------|---|---|----------------------|---|---|
| I know how to ... | I think... | | | My teacher thinks... | | |
| | ☹ | 😊 | 😄 | ☹ | 😊 | 😄 |
| Describe a number in words and using place values (ones, tens, hundreds, thousands and ten thousands). - Qn 1, 2, 4, 6 | | | | | | |
| Round numbers to the nearest ten, hundred or thousand. - Qn 3, 7 | | | | | | |
| Find the missing number(s) in a number pattern. - Qn 5 | | | | | | |
| Solve word problems using a model. - Qn 8, 9, 10 | | | | | | |

☹ -- I need help. 😊 -- With more practice, I can do it. 😄 -- I'm confident!

Math Department 2025

Post-reflection (Growth Mindset: With perseverance, I know I can do it!)
Choose only one of the three responses, 1, 2 or 3, below.
Circle and complete your choice.

| 1 | What is one challenge I faced in this topic, '4 operations of whole numbers'. (You can refer to the questions in the worksheet and explain why it is a challenge for you) I need help with _____ as <input type="checkbox"/> I have yet to learn the correct spelling of numerals in words. <input type="checkbox"/> I have yet to learn to round numbers to the nearest _____. <input type="checkbox"/> I have yet to draw the correct model to solve word problems. <input type="checkbox"/> Others: _____ | | | | | | | | |
|---|---|------------------------------|----------------|---|--|---|--|--|--|
| 2 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">My revision plans: I will...</th> <th style="width: 30%;">Date completed</th> </tr> <tr> <td><input type="checkbox"/> Revise 4A TB pg. 1 to 42 and/or PB exercises pg. 1 to 30</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Revise from online resources such as SLS I can scan the QR code on 4A textbook pages 1 and 27</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Ask for help from my friend/class Math Buddy/ _____ (name - _____)</td> <td></td> </tr> </table> | My revision plans: I will... | Date completed | <input type="checkbox"/> Revise 4A TB pg. 1 to 42 and/or PB exercises pg. 1 to 30 | | <input type="checkbox"/> Revise from online resources such as SLS I can scan the QR code on 4A textbook pages 1 and 27 | | <input type="checkbox"/> Ask for help from my friend/class Math Buddy/ _____ (name - _____) | |
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| <input type="checkbox"/> Ask for help from my friend/class Math Buddy/ _____ (name - _____) | | | | | | | | | |
| 3 | Let's create a new question related to 'Whole Numbers'. 1) Fill in the blanks for the question, show the solution and answer. Round 30 957 to the nearest _____ (ten, hundred, thousand) <p style="text-align: right;">Ans: _____</p> 2) Fill in the blanks with numbers to create a pattern. Show the working which complete the pattern correctly. _____, <u>4050</u> , _____, _____, _____ | | | | | | | | |



Summative Assessment (Weighted)

SLS online quiz

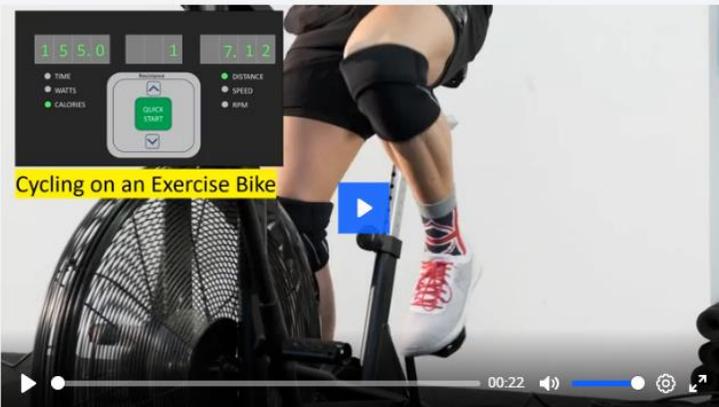
00 : 00 : 51
00 : 45 : 00

- 5 6 7 8 9 10 11 12 13 14 15

Q14

Chris exercises by cycling on an exercise bike and jogging on a treadmill everyday.

He burns 155 calories daily while cycling.
He burns 215 calories daily while jogging.



End-of-Year Examination Paper

Section A: Multiple-Choice Questions (18 x 2 = 36 marks)

Questions 1 to 18 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) in the Optical Answer Sheet (OAS).

1. 27 thousands and 8 tens is the same as _____.

- (1) 278
- (2) 2780
- (3) 27 000
- (4) 27 080

2. 3 and 4 are

- (1) 20
- (2) 21
- (3) 34
- (4) 36

3. What is the

$$7\frac{5}{6} = \frac{\square}{6}$$

- (1) 35
- (2) 41
- (3) 42
- (4) 47

Section B: Short-Answer Questions (20 x 2 = 40 marks)

Questions 19 to 38 carry 2 marks each. Show your workings clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

19. Round 72 540 to the nearest hundred.

Section C: Structured / Long-Answer Questions (24 marks)

For questions 39 to 45, show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units provided. The number of marks available is shown in the \square at the end of each question or part-question.

20. Find the product of 4390 \div

39. Students in a class are told to form groups to play a game.

If they form groups of 5, 2 students will be left without a group.

If they form groups of 8, 3 students will be left without a group.

What is the smallest possible number of students playing the game?

21. Write the missing number



Home Support For Your Child

Connect – Question – Celebrate



Supporting your child in the learning of Maths ...

Connect

- Find out about the topics they are currently learning and link to daily life
 - P4 topics e.g.s: Fractions, Tables and Line Graphs, Decimals...

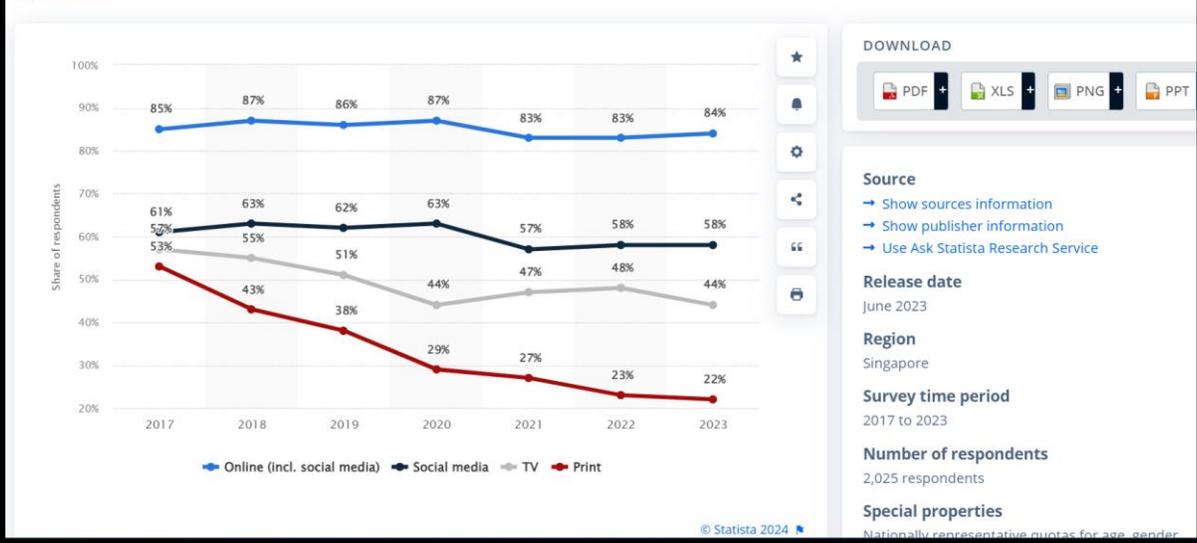


Supporting your child in the learning of Maths ...

Connect

Tables and Line Graphs

Share of respondents in Singapore who receive news from the following sources from 2017 to 2023



**Table B: Premiums (before subsidies)
(Applicable for policy start/renewal date on or after 1 Jan 2024)**

| Age Next Birthday | Annual Premiums (Inclusive of 9% GST) | Age Next Birthday | Annual Premiums (Inclusive of 9% GST) |
|-------------------|---------------------------------------|-------------------|---------------------------------------|
| 1 – 20 | \$147.71 | 74 – 75 | \$1,344.67 |
| 21 – 30 | \$254.67 | 76 – 78 | \$1,558.60 |
| 31 – 40 | \$397.29 | 79 – 80 | \$1,619.72 |
| 41 – 50 | \$534.81 | 81 – 83 | \$1,706.31 |
| 51 – 60 | \$814.95 | 84 – 85 | \$1,971.17 |
| 61 – 65 | \$1,039.07 | 86 – 88 | \$2,062.85 |
| 66 – 70 | \$1,120.56 | 89 – 90 | \$2,062.85 |
| 71 – 73 | \$1,217.34 | >90 | \$2,093.41 |

<https://www.statista.com/statistics/1026656/singapore-yearly-comparison-main-news-sources/>

<https://www.moh.gov.sg/healthcare-schemes-subsidies/medishield-life/medishield-life-premiums-and-subsidies/premium-subsidy-tables>

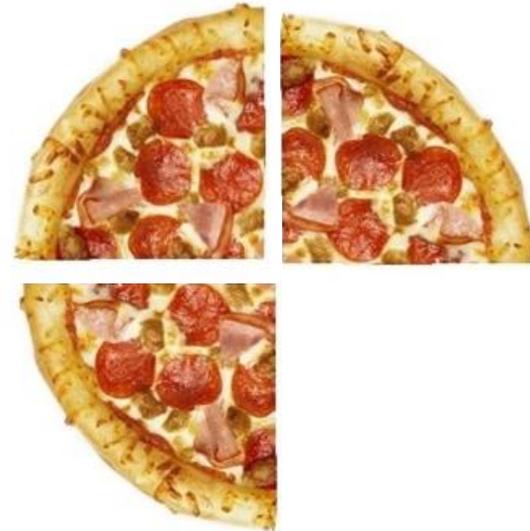


Supporting your child in the learning of Maths ...

Connect

Fractions – Mixed numbers and improper fractions

Cakes, Pizzas, chocolate bars



Supporting your child in the learning of Maths ...

Connect

Decimals – 4 operations of decimals

Money in decimal notation: \$14.55



Measurement in decimal notation:
45.6 kg, 12.9 m, 4.5



Supporting your child in the learning of Maths ...

Question

We use See-Clues-Solve-Check for problem solving

**SEE-CLUES
SOLVE-CHECK**

SEE
These are the things I can **See** in the story.
(numbers, items, time, names)

CLUES
These are the **Clues** I can dig out.
(eg comparison words, twice, remainder, relationships)

SOLVE
This is how I can start to **Solve** it.
(I have a toolbox of heuristic skills)

CHECK
I **Check** my steps and workings to
see if my answers are reasonable.

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I **Check** my steps and workings to
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Supporting your child in the learning of Maths ...

Celebrate

It is alright if you do not have the solution.

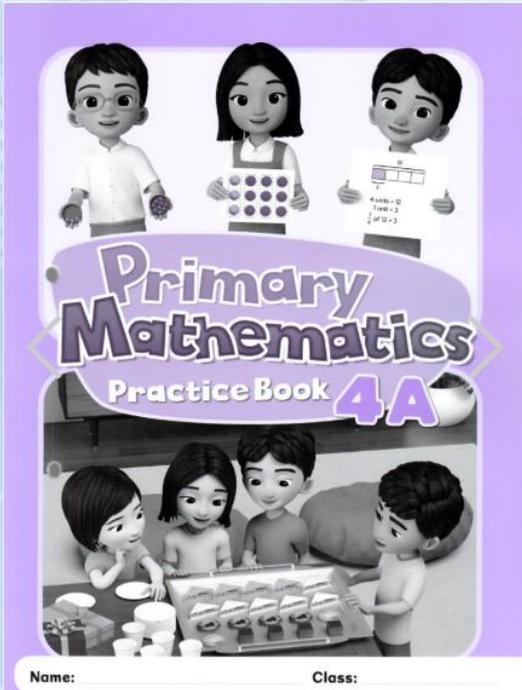
As parents,

- (a) Look out for **progress/little successes** and **celebrate** with them.
- (b) **encourage** them to seek help from their peers or teachers to explain to them
- (c) **follow up** by showing interest and motivate them to share their solutions with you.



Other areas you can support

Practice Book Exercises



Primary Mathematics Practice Book 4A

Name: _____ Class: _____



Primary Mathematics Practice Book 4B

Name: _____ Class: _____

Topical Reviews

Math Department 2025

YUHUA PRIMARY SCHOOL
Primary 4 Standard Mathematics
Topical Review 1

Name: _____ Date: _____
Class: _____
Parent's signature: _____

Topic: **WHOLE NUMBERS**

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| Self-Assessment Checklist and Feedback | | I think... | | | | | | My teacher thinks... | |
|---|--|------------|---|---|---|---|---|----------------------|---|
| I know how to ... | | ☹ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ | ☺ |
| Describe a number in words and using place values (ones, tens, hundreds, thousands and ten thousands). - Qn 1, 2, 4, 6 | | | | | | | | | |
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☹ -- I need help. ☺ -- With more practice, I can do it. ☺ -- I'm confident!

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1) Fill in the blanks for the question, show the solution and answer.
Round 30 957 to the nearest _____ (ten, hundred, thousand)
Ans: _____

2) Fill in the blanks with numbers to create a pattern.
Show the working which complete the pattern correctly.
_____ 4050 _____

Assessment Plan (Parents Gateway)

| Assessment | Term 1 | Term 2 | Term 3 | Term 4 |
|--|---|---|---|--|
| Formative Assessment (Non-weighted) | Topical Review - Whole Numbers - Four Operations of Whole Numbers - Tables and Line Graphs Term 1 Review Quiz SLS Online Quiz Topics to be assessed - Numbers to 100 000 - Factors & Multiples - Four Operations of Whole Numbers | Topical Review - Fractions - Angles - Rectangles and Squares | Topical Review - Decimals - Pie Charts | Topical Review - Area and Perimeter - Nets and Symmetry |
| Summative Assessment (Weighted) Total: 100% | | Term 2 Review Test Term 2 Week 7 (4 – 8 May) (30 marks, 45 min) Written Assessment: MCQ, SAQ and LAQ Topics to be assessed - Whole Numbers - Fractions - Angles - Tables and Line Graphs | Term 3 Review Test Term 3 Week 7-8 (14 – 20 Aug) (30 marks, 45 min) SLS Online Quiz / Written Topics to be assessed - Fractions - Decimals - Four Operations of Decimals - Pie Charts - Rectangles and Squares | End-of-Year Exam Term Week 8 (22 Oct) (100 marks, 1 h 30 min) Written Assessment: MCQ, SAQ and LAQ Topics to be assessed - Whole Numbers - Fractions - Decimals - Geometry - Measurement - Statistics |
| | | 15% | 15% | 70% |



Other areas you can support

SLS MOE Library

The screenshot shows the SLS MOE Library search interface. The search term is "Fractions". The "Subject" filter is set to "Mathematics - MATHS" (circled in red). The "Level" filter is set to "Primary 4" (circled in red). The "Guided Search" panel shows "FILTER 3 X" and "APPLY" buttons. Below the filters, three lesson cards are visible: "Factoring Unrelated Fractions", "Improper Fractions and Mixed Numbers", and "Decimals as Fractions".

edu.sg/mrv/search?keyword=Fractions&location=MOE&resource=LESSON&subject=1011&level=4

SINGAPORE Student Learning Space

Search Fractions

Subject 1 Select Subject

- Mathematics - H2MATHS
- Mathematics - MATHS
- Mobile Robotics - G1ROBOTICS
- Music - G1MUSIC
- Music - G3MUSIC
- Music - H2MUSIC

Level 1 Select Level

OTHER LEVELS

- Primary 1
- Primary 2
- Primary 3
- Primary 4
- Primary 5

MOE Lib

Search Lessons

GUIDED SEARCH

FILTER 3 X

APPLY

View by

Help us improve

Factoring Unrelated Fractions

Improper Fractions and Mixed Numbers

Decimals as Fractions

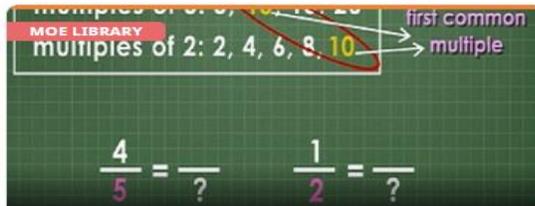


Supporting your child in the learning of Maths ...

Other Resources – SLS MOE Library

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Lessons & Courses



Adding and Subtracting Unrelated Fractions

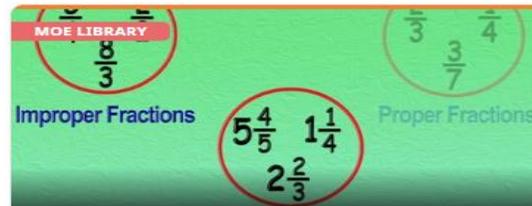
Mathematics

Primary 4

Learn how to add and subtract unrelated fractions by finding their common denominators.

[LESSON DETAILS](#)

[ATTEMPT](#)



Improper Fractions and Mixed Numbers

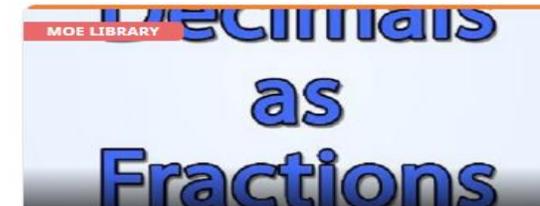
Mathematics

Primary 4

Learn about improper fractions and mixed numbers are.

[LESSON DETAILS](#)

[ATTEMPT](#)



Decimals as Fractions

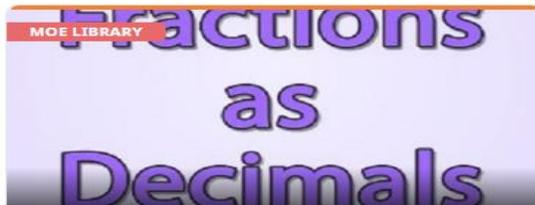
Mathematics

Primary 4

In this lesson, you will learn how to convert decimals to fractions.

[LESSON DETAILS](#)

[ATTEMPT](#)



Fractions as Decimals

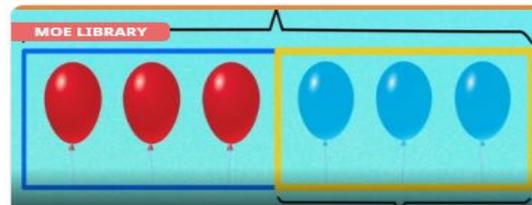
Mathematics

Primary 4

In this lesson, you will learn how to convert fractions to decimals.

[LESSON DETAILS](#)

[ATTEMPT](#)



Fraction of a Set

Mathematics

Primary 4

Learn to use fractions to represent a set of objects.

[LESSON DETAILS](#)

[ATTEMPT](#)



THANK YOU

**Let's continue to work together to support
your child's learning in Mathematics**

