

PRIMARY 6 MATHEMATICS



**CHIJ KELLOCK
PARENTS' BRIEFING
10 January 2019**

Outline of Sharing

- **Examination Format at Primary 6**
- **Primary 6 Mathematics Syllabus**
- **Use of Calculators**
- **Types of Questions in Mathematics Assessments**
- **Common Errors**

P6 STD EXAMINATION FORMAT

Paper 1(45%) – 1 hour

Use of calculator is not allowed

Booklet	Item Type	No of Qn	Marks	Weighting
A	MCQ	10	1	10%
		5	2	10%
B	Short - Answer	5	1	5%
		10	2	20%

P6 STD EXAMINATION FORMAT

Paper 2 (55%) – 1 hr 30 mins

Use of calculators is allowed

Item Type	No of Qns	Marks	Weighting
Short - Answer	5	2	10%
Structured/ Long-Answer	12	3,4,5	45%

P6 Standard

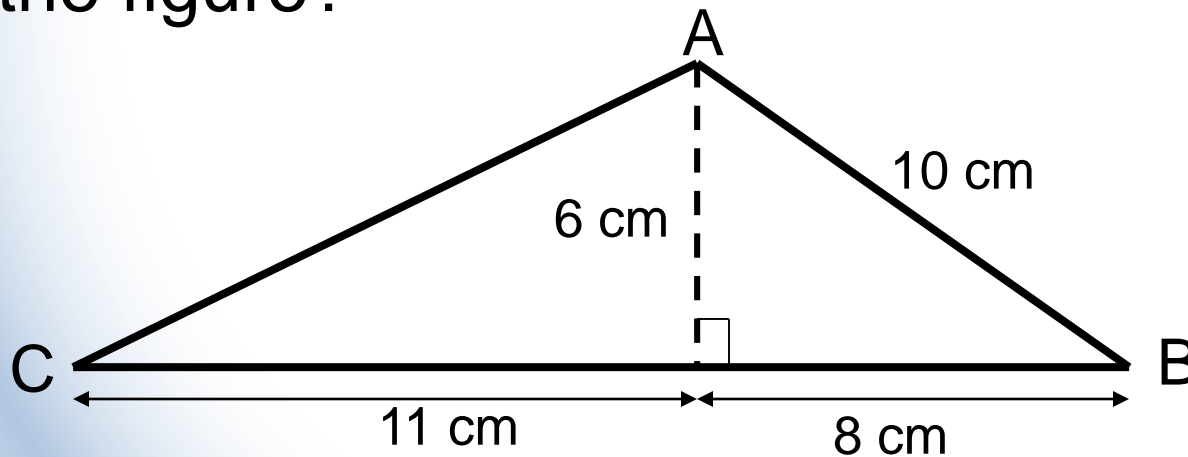
CONTENT TO BE ASSESSED

- ★ **Whole numbers; Fractions; Decimals**
- ★ **Measurement**
- ★ **Geometry**
- ★ **Ratio; Percentage**
- ★ **Statistics (Data Analysis)**
- ★ **Rate; Speed**
- ★ **Algebra**

COGNITIVE LEVELS

☞ **AO1 (≈25% / 35%)** : recall mathematical facts, concepts, rules and formulae; perform; straightforward computations and **algebraic procedures.**

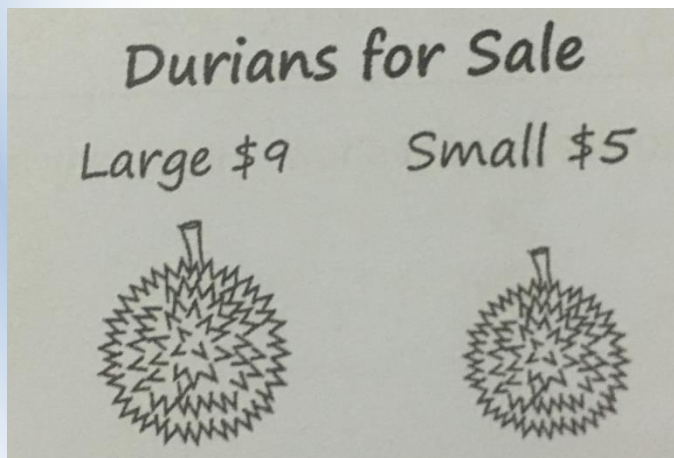
What is the area of triangle ABC as shown in the figure?



COGNITIVE LEVELS

☞ **AO2 (≈40% / 50%): interpret information; understand and apply mathematical concepts and skills in a variety of contexts.**

Meng sold a total of 368 large and small durians at the prices shown below and collected \$2760. How many large durians did Meng sell?



(2013/Paper 2/Question 15)

☞ **AO3 (≈35% / 15%):** refers to the ability to reason mathematically; analyse information and make inferences; select appropriate strategies to solve problems.

Weiyang started a savings plan by putting 2 coins in a money box everyday. Each coin was either a 20¢ or 50¢ coin. His mother also put in a \$1 coin in the box every 7 days. The total value of the coins after 182 days was \$133.90.

- (a) How many coins were there altogether?**
- (b) How many of the coins were 50¢ coins?**

Taking the Math Paper During Examination

Advice to Students:

Do not start the paper from the back/last question

Calculators & Mathematical Sets – Ensure that they are in good working condition

Types of Calculators

Casio	FX 82MS FX 85MS FX 95MS FX 95 SG Plus FX 350MS FX 96 SG Plus
Sharp	EL 509WM EL 509WS EL 509X ELW531S ELW531XM EL 533X

<http://www.seab.gov.sg/content/calculator/GuidelinesCalculators.pdf>

Common Errors

Inaccuracy in representing amount of money

X	✓
$\$1.2$ $\$1.2\text{¢}$	$\$1.20$

Missing/Wrong units

$\text{Area} = 3\text{m} \times 4\text{m}$ $= 12\text{ m}$ $\text{Area} = 12$	$\text{Area} = 3\text{m} \times 4\text{m}$ $= 12\text{ m}^2$
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Common Errors

Wrong use of equal (=) sign

X

$$\begin{aligned}3k + 20 &= 3 \times 5 \\ &= 15 + 20 \\ &= 35\end{aligned}$$

✓

$$\begin{aligned}3k + 20 &= 3 \times 5 + 20 \\ &= 15 + 20 \\ &= 35\end{aligned}$$

Thank You!

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