

PRIMARY 6 MATHEMATICS



PARENTS' BRIEFING
19 January 2017

EXAMINATION FORMAT

Paper 1(40%) - 50 mins

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	10	1	10%
		5	2	10%

Example of 1-mark Question

Round off 31 804 to the nearest thousand.

(1) 30 000

(2) 31 000

(3) 31 800

(4) 32 000

(2015/Paper 1 Question 1)

Example of 1-mark Question

Express $\frac{2}{25}$ as a decimal

(2014/Paper 1 Question 17)

$$\frac{2}{25} = \frac{8}{100} = 0.8$$

Ans: 0.8 X

Example of Paper 1 Question

The average of three different 2-digit numbers is 25. Of the three numbers, find the largest possible number.

(2016/Paper 1 Question 29)

EXAMINATION FORMAT

Paper 2 (60%) – 1 hr 40 mins

Use of calculators is allowed

Item Type	No of Qns	Marks	Weighting
Short - Answer	5	2	10%
Structured/ Long-Answer	13	3,4,5	50%

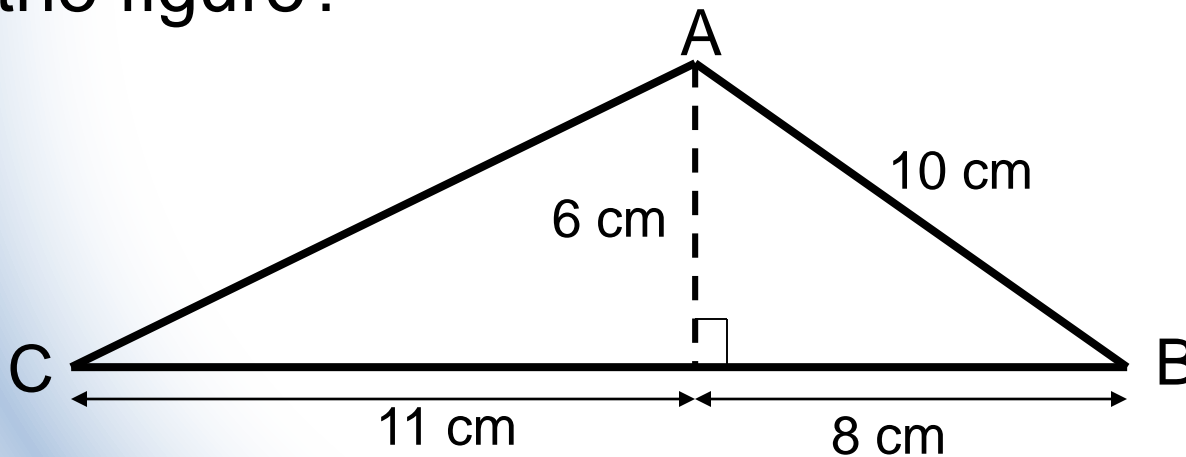
CONTENT TO BE ASSESSED

- ★ Whole numbers; Fractions; Decimals
- ★ Measurements
- ★ Geometry
- ★ Ratio; Percentage
- ★ Data Analysis
- ★ Speed
- ★ Algebra

COGNITIVE LEVELS

☞ **Knowledge** : refers to the ability to recall specific mathematical facts, concepts, rules and formula, and to perform straightforward computations.

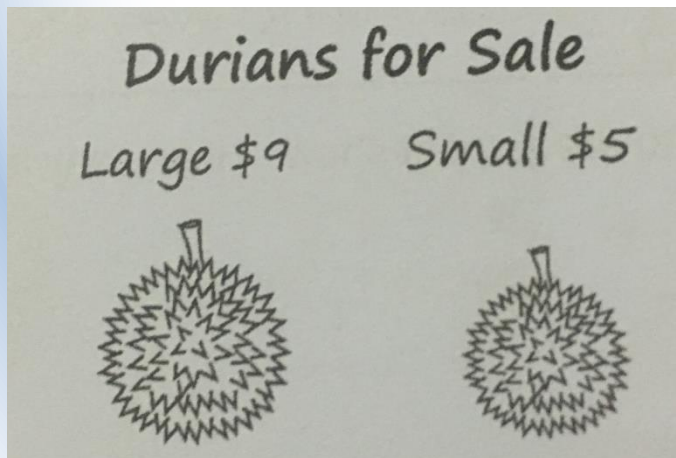
What is the area of triangle ABC as shown in the figure?



COGNITIVE LEVELS

☞ **Comprehension:** refers to the ability to interpret data and use a mathematical concept, rule or formula in an essentially familiar situation.

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)

☞ Application & Analysis: refers to the ability to analyse data and/or to apply a mathematical concept, rule or formula in a complex situation or to an unfamiliar problem.

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¢	\$1.20

Common Errors

Missing/Wrong units

X	✓
Area = 3m x 4m = 12 m Area = 12	Area = 3m x 4m = 12 m²

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!