

Calculator allowed



Nan Hua Primary School
Primary 5 Mathematics
Term 3 Weighted Assessment 2021

Marks	
Section A:	/10
Section B:	/15
Total:	/25

Name: _____ ()

Class: Primary 5M _____

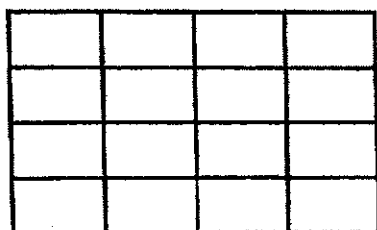
Date: _____

Duration: 50 minutes

Answer all questions._____
Parent's Signature**Section A (10 marks)**

Questions 1 to 5 carry 2 marks each. Write your answers in the spaces provided.
 For questions which require units, give your answers in the units stated.

1. The figure below is made up of 16 identical rectangles.
 What percentage of the figure is shaded?



Ans: _____ %

2. Alice had \$220. She spent 35% of her money on a pair of shoes. How much money did she have left?

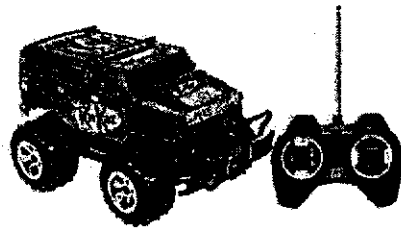
Ans: \$ _____

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3. There are 1280 students in a school. 60% of the students are boys. How many girls are there?

Ans: _____

4. The usual price of a remote toy car before GST is \$140. GST is 7%.
How much is the GST?



Ans: \$ _____

5. Celine has \$800 in her savings account. She earns 2.5% interest each year. Find the amount of interest Celine gets after one year.

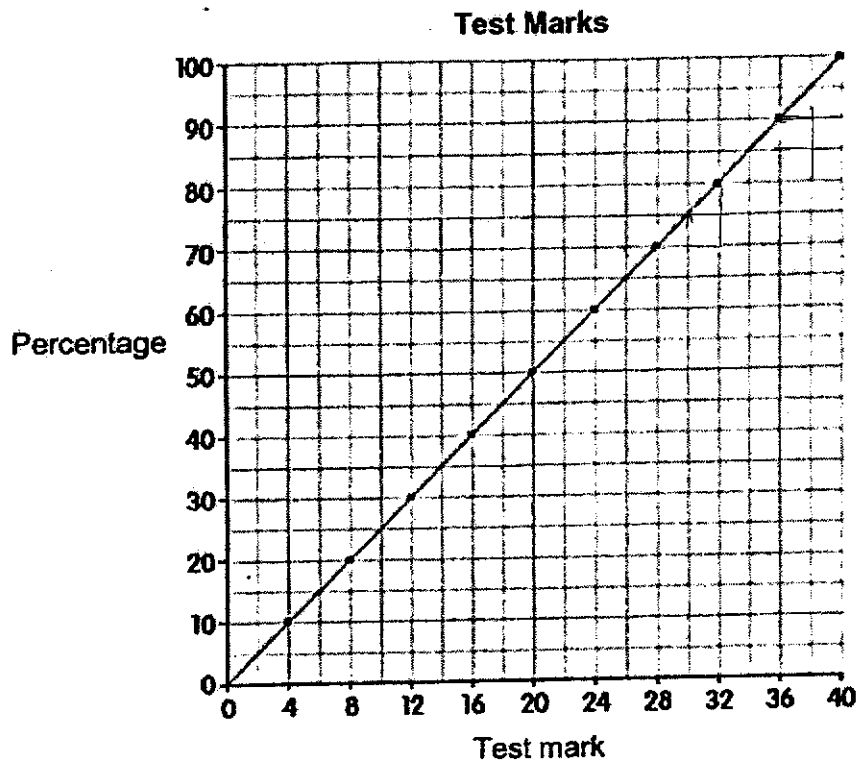
Ans: \$ _____

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Section B (15 marks)

Questions 6 to 8 carry 2 marks each. Questions 9 to 11 carry 3 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

6. The graph below can be used to convert test marks into percentages.
All marks are in whole numbers.



- (a) Joelle scored 65%. How many marks did she get?
- (b) Grade A is given to students who scored 90% or more.
Grade B is given to students who scored 75% or more, but less than 90%.
Kate scored B for the test. What is one possible mark that Kate had scored?

Ans: (a) _____

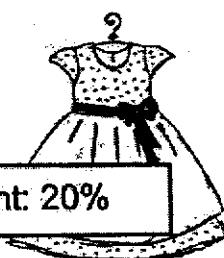

(b) _____

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7. Mrs Rajoo bought 5 m of ribbon. She used 35% of the ribbon to tie 5 boxes. The length of ribbon used to tie each box was the same. What was the length of the ribbon used to tie each box?

Ans: _____ m

8. Store A and Store B are participating in Great Singapore Sale. The same dress is on sale in both Store A and B. The usual price of the dress in both store is \$80.

Store A	Store B
 <div>Discount: 20%</div>	 <div>Discount: \$20 discount</div>

Only one statement below is correct. Put a tick (✓) in the box beside the correct statement.

Statement	Tick (✓)
(i) The discounted price for the dress in Store A is higher than the discounted price for the dress in Store B.	
(ii) The discounted price for the dress in Store B is higher than the discounted price for the dress in Store A.	
(iii) The discount for the dress in both Store A and Store B is the same.	

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9. 95 girls and 65 boys participated in an International Art competition. 40% of the participants are Singaporeans. How many Singaporeans participated in the competition?

Ans: _____ [3]

10. John went to a toy store to buy 1 toy gun and 1 toy car. The store was having a 35% discount for all toys. The receipt below reflects the usual price of the toys.

ABC Store Receipt	
Item:	
1 Toy Gun	\$45
1 Toy Car	\$20
Total:	
35% Discount:	(a)
Amount due:	(b)

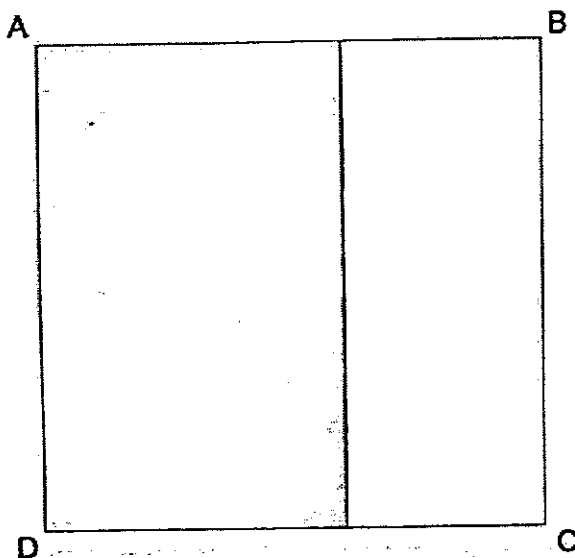
- (a) How much was the discount for the 2 toys?
 (b) How much did John pay for the 2 toys after 35% discount?

Ans: (a) _____ [2]

(b) _____ [1]

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11. In the figure below not drawn to scale, ABCD is a square and its area is 100 cm^2 .
The shaded area is a rectangle.
The area of the shaded rectangle is 60% of the area of ABCD.
Find the perimeter of the shaded rectangle.



Ans: _____ [3]

SCHOOL : NAN HUA PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATH
TERM : 2021 TERM 3

1) 16 rect \rightarrow 100%

$$1 \text{ rect} \rightarrow 100 \div 16 = 6.25$$

$$5 \text{ rect} \rightarrow 6.25 \times 5 = 31.25\%$$

$$2) \frac{35}{100} \times 220 = 77$$

$$220 - 77 = 143$$

She have \$143 left.

3) girls \rightarrow 100% - 60% = 40%

$$\frac{40}{100} \times 1280 = 512$$

There are 512 girls.

$$4) \frac{7}{100} \times 140 = \$9.80$$

The GST is \$9.80

$$5) \frac{2.5}{800} \times 100 = \$20$$

The interest is \$20

6) a) Joelle scored 26 marks

b) 85

$$7) \frac{35}{100} \times 5m = 1.75$$

$$1.75m \div 5m = 0.35$$

The length of each ribbon is 0.35m

8)i)v

$$9) 95 + 65 = 160$$

$$\frac{40}{100} \times 160 = 64$$

64 Singaporeans participated in the competition.

$$10)a) \text{total} \rightarrow 45 + 20 = 65$$

$$1\% \rightarrow 65 \div 100 = 0.65$$

$$35\% \rightarrow 0.65 \times 35 = \$22.75$$

$$b) 100 - 35 = 65$$

$$65\% \rightarrow 65 \times 0.65 = \$42.25$$

$$11) 100\% \rightarrow 100\text{cm}^2$$

$$1\% \rightarrow 100 \div 100 = 1\text{cm}^2$$

$$60\% \rightarrow 1 \times 60 = 60\text{cm}^2$$

$$60 \div 10 = 6$$

$$6 + 6 + 10 + 10 = 32\text{cm}$$

The perimeter of shaded is 32cm