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

_____
Parent's Signature

Answer all questions.

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.

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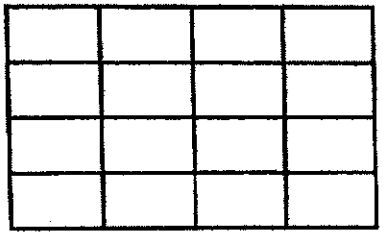
1. The figure below is made up of 16 identical rectangles.
   What percentage of the figure is shaded?



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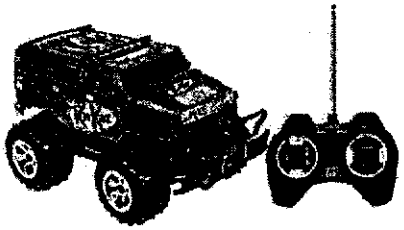
3. There are 1280 students in a school. 60% of the students are boys. How many girls are there?

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.

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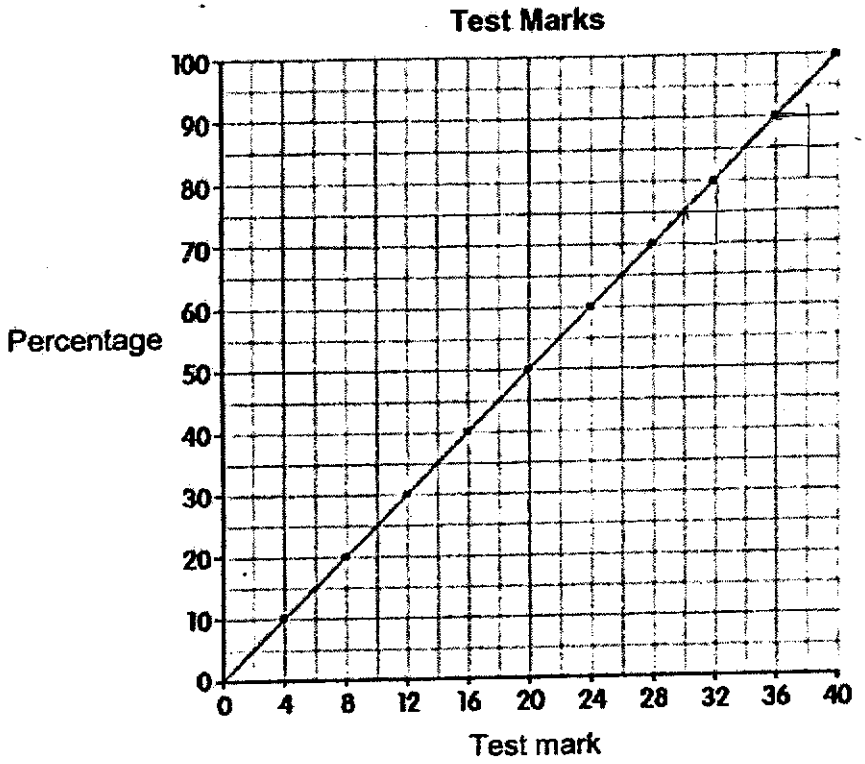
6. The graph below can be used to convert test marks into percentages.
   All marks are in whole numbers.



(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
	

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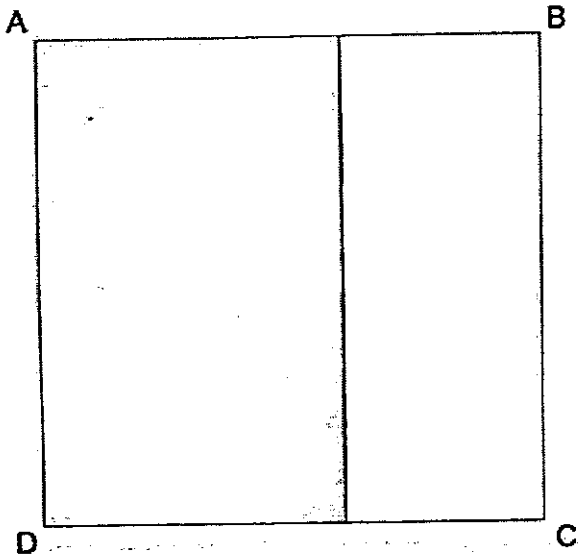
11. In the figure below not drawn to scale, ABCD is a square and its area is 100 cm^2.
The shaded area is a rectangle.
The area of the shaded rectangle is 60% of the area of ABCD.
Find the perimeter of the shaded rectangle.



Ans: _____ [3]

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

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1)16 rect→100%

1 rect→100 ÷ 16 = 6.25

5 rect→6.25 x 5 = 31.25%

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

220 – 77 = 143

She have $143 left.

3)girls→100% - 60% = 40%

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

There are 512 girls.

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

The GST is $9.80

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

The interest is $20

6)a)Joelle scored 26 marks

b)85

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

1.75m ÷ 5m = 0.35

The length of each ribbon is 0.35m

8)i)V

9)95 + 65 = 160

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

64 Singaporeans participated in the competition.

10)a)total→45 + 20 = 65

1%-->65 ÷ 100 = 0.65

35% →0.65 x 35 = $22.75

b)100 – 35 = 65

65% →65 x 0.65 = $42.25

11)100% →100cm2

1% →100 ÷ 100 = 1cm2

60% →1 x 60 = 60cm2

60 ÷ 10 = 6

6 + 6 + 10 + 10 = 32cm

The perimeter of shaded is 32cm