

Name: \_\_\_\_\_ ( )

Class: Primary 5 \_\_\_\_\_

**CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)**



**Primary 5 Mathematics**  
**2020 Termly Assessment 2**

**14 July 2020**

Total Marks	36
-------------	----

\_\_\_\_\_  
Parent's/Guardian's Signature

Time : 1 hour

**INSTRUCTIONS TO CANDIDATES**

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Write your answers in this booklet

The use of an approved calculator is expected, where appropriate.

This booklet consists of 11 printed pages.

Questions 1. to 3 carry 2 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 marks)

Do not write in this space

1. 6 pens were sold for \$11. Mr Tong bought 150 pens for his pupils. How much did he spend altogether?

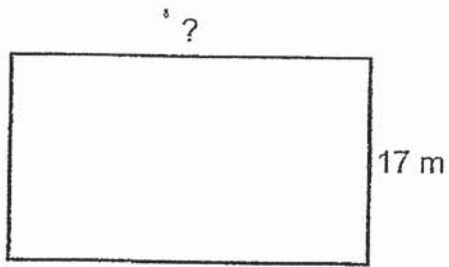
Ans : \$ \_\_\_\_\_

2. Mrs Lim bought a total of 54 apples, oranges and pears. The ratio of the number of apples to the number of oranges to the number of pears was 3 : 4 : 2. How many oranges did she buy?

Ans : \_\_\_\_\_

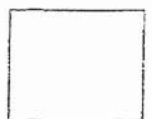


3. The perimeter of a rectangular garden is 90 m. Its breadth is 17 m. Find its length.



Do not  
write in  
this  
space

Ans : \_\_\_\_\_ m

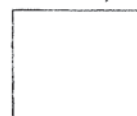


For questions 4 to 11, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in the brackets ( ) at the end of each question or part-question. (30 marks)

Do not  
write in  
this  
space

4. The capacity of a tank is  $10\ell$ . 8 containers of water were poured into the tank. Each container had  $\frac{7}{10}\ell$  of water. How much more water was needed to fill up the tank completely? Express your answer as a mixed number in its simplest form.

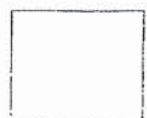
Ans : \_\_\_\_\_ . [3]



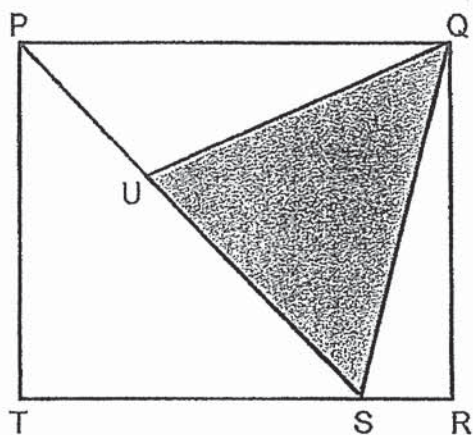
5. Fei Heng bought 6 water bottles. Each water bottle cost \$13.90. He gave the cashier 2 fifty-dollar notes. How much change did he receive?

Do not  
write in  
this  
space

Ans : \_\_\_\_\_ [3]

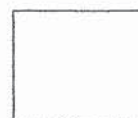


6. The area of rectangle PQRT is  $720 \text{ cm}^2$  and the area of triangle PQU is  $132 \text{ cm}^2$ . What is the ratio of the area of the shaded triangle to the area of PQRT?

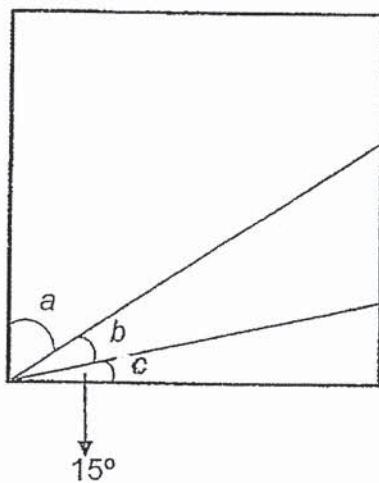


Do not  
write in  
this  
space

Ans : \_\_\_\_\_ [3]



7. The figure shows a square. The size of  $\angle a$  is twice the size of  $\angle b$ .  $\angle c = 15^\circ$ . Find  $\angle a$ .



Do not  
write in  
this  
space

Ans : \_\_\_\_\_ [3]



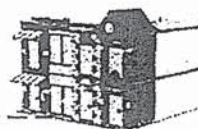
8.



House



School



Shopping Mall

The distance between the house and the shopping mall is four times the distance between the house and the school. The distance between the house and the shopping mall is 12.24 km.

- (a) What is the distance between the house and the school?
- (b) After school, Andy went to the shopping mall to buy a present for his mother. He went home after buying the present. What was the total distance he travelled? Express your answer in kilometres and metres.

Do not  
write in  
this  
space

Ans : (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]





9. Lisa finished reading a book in 3 days. On the first day, she read  $\frac{1}{4}$  of the book. On the second day, she read  $\frac{1}{2}$  of the remaining pages. On the third day, she read the rest of the 90 pages.

- (a) What fraction of book did she read on the second day?  
(b) How many pages were there in the book altogether?

Do not  
write in  
this  
space

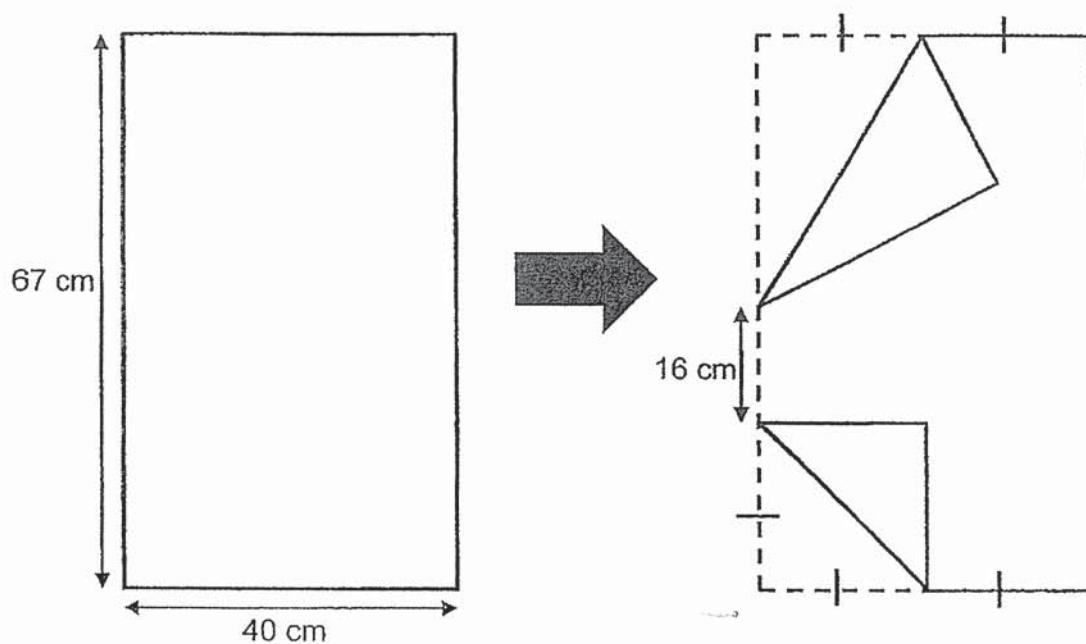
Ans : (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [3]

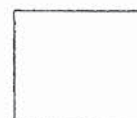


10. Mindy had a piece of rectangular paper measuring 67 cm by 40 cm. She folded the paper to form the figure below. Find the area of the unshaded part.

Do not  
write in  
this  
space



Ans : \_\_\_\_\_ [4]



11. Danny, Eve and Finn had some stickers at first. Danny had 40 more stickers than Eve. Eve had twice as many stickers as Finn.

(a) After Danny gave 120 stickers to Eve, Eve had 5 times as many stickers as Danny in the end. How many stickers did Eve have in the end?

(b) How many stickers did Finn have?

Do not  
write in  
this  
space

Ans : (a) \_\_\_\_\_ [3]

(b) \_\_\_\_\_ [2]

End of Paper



## ANSWER KEY

YEAR: 2020

LEVEL: PRIMARY 5

SCHOOL: CHIJ ST NICHOLAS GIRLS' SCHOOL

SUBJECT: MATH

TERM: TERM 1 ASSESSMENT 2

Q1.  $150 \div 6 = 25$

$25 \times 11 = \$275$

Q2.  $3 + 4 + 2 = 9$

9 UNITS = 54

1 UNIT =  $54 \div 9$

= 6

$6 \times 4 = 24$

Q3.  $17 \times 2 = 34$

$90 - 34 = 56$

$56 \div 2 = 28\text{m}$

Q4.  $\frac{7}{10} \times 8 = 5\frac{3}{5}$

$10 - 5\frac{3}{5} = 4\frac{2}{5}$  litres

Q5.  $13.90 \times 6 = 83.40$

$50 + 50 = 100$

$100 - 83.40 = \$16.60$

Q6. PQS  $\rightarrow 7\frac{1}{2} \times 720$

=  $360\text{cm}^2$

QUS =  $7360 - 132$

=  $228\text{cm}^2$

$228 : 720$

19:60

Q7.  $90 - 15 = 75$

$2 + 1 = 3$

$75 \div 3 = 25$

$25 \times 2 = 50^\circ$



Q8.a)  $4 \text{ units} = 12.24$

$1 \text{ unit} = 12.24 \div 4 = 3.06$

b)  $3.06 \times 4 = 12.24$

$12.24 + 9.18 = 21.42$

a)  $3.06 \text{ km}$

b)  $21 \text{ km } 420 \text{ m}$

Q9.  $3 \text{ units} = 90$

$1 \text{ unit} = 90 \div 3 = 30$

$30 \times 8 = 240$

a)  $\frac{3}{8}$

b)  $240$

Q10.  $67 - 16 = 51$

$40 \div 2 = 20$

$51 - 20 = 31$

$A = \frac{1}{2} \times 20 \times 31 = 310$

$C = \frac{1}{2} \times 20 \times 20 = 200$

$200 + 310 = 510$

$510 \times 2 = 1020$

$2680 - 1020 = 1660 \text{ cm}^2$

Q11.  $120 - 40 = 80$

$4 \text{ units} = 120 + 80 = 200$

$1 \text{ unit} = 200 \div 4 = 50$

$50 + 200 = 250$

$250 - 120 = 130$

$130 \div 2 = 65$

a)  $250$

b)  $65$

2  
END.