Name: _____( )

Class: Primary 5 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)

Primary 5 Mathematics

2022 Term 2 Weighted Assessment

10 May 2022

Total	/ 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. A shop sells pens at the prices shown below.

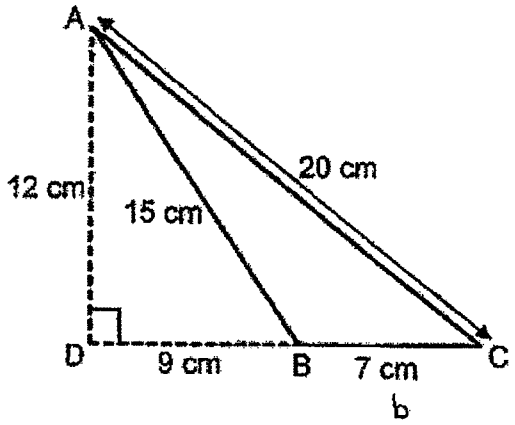
$2 for each pen

1 packet for $5

Benny wants to buy 101 pens. What is the least amount of money Benny needs to buy the 101 pens?

Ans : $ _____

2. ABC is a triangle.

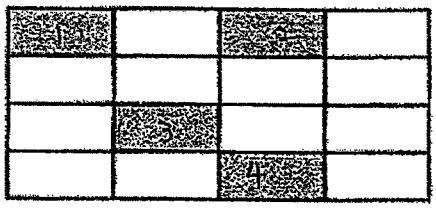


What is the area of the triangle ABC?

Ans : _____ cm^2

Do not write in this space

3. The figure is made up of identical rectangles.



What is the ratio of the number of shaded rectangles to the number of unshaded rectangles to the total number of rectangles? Express the answer in its simplest form.

Ans : _____

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. Mrs Sanvi bought 15 m of cloth. She used $\frac{1}{3}$ of it to make a dress and $1\frac{1}{2}$ m to make curtains. How much cloth did she have left?

Ans : _____ [3]

5. During a sports carnival, Alex, Ben and Chaga ran a total distance of 5.6 km. Alex ran 0.8 km more than Ben. Chaga ran twice the distance that Ben ran. How far did Alex run? Express the answer in kilometres.

Do not write in this space

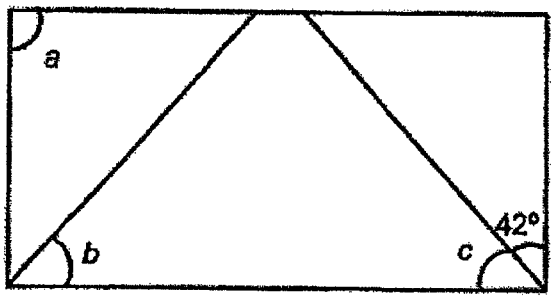
Ans : _____ [3]

6. At first, Mindy had 250 beads and Siti had 100 beads. Mindy gave Siti 20 beads. What was the ratio of the number of beads that Mindy had to the number of beads that Siti had in the end? Express the answer in its simplest form.

Do not write in this space

Ans : _____ [3]

7. The figure shows a rectangle. $\angle b = \angle c$.



What is the sum of $\angle a$, $\angle b$ and $\angle c$?

Do not write in this space

Ans : _____ [3]

8. Every morning, Ismail takes the MRT and bus to go to school. The MRT journey takes 40 min and the bus journey takes 25 min.

(a) How long does he take to travel to school every morning altogether? Express the answer in hour and minutes.

(b) One day, when Ismail reached school, his watch showed 7.15 a.m. His watch was 10 min fast that day. What was the actual time when he left home that day?

Do not write in this space

Ans : (a) _____ [2]

(b) _____ [2]

9. Figure 1 is made up of 2 squares A and D and 2 rectangles B and C. The total perimeter of B and C is 64 cm. The area of D is 81 cm^2. Figure 2 is made up of 3 identical square A.

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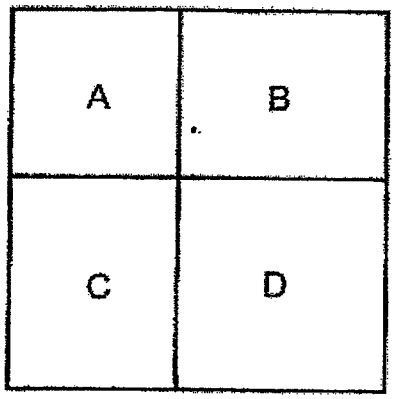

Figure 1

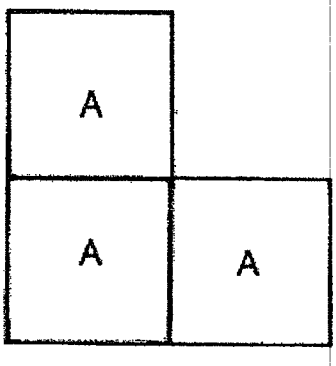

Figure 2

(a) What is the area of square A?

(b) What is the perimeter of Figure 2?

Ans : (a) _____ [3]

(b) _____ [1]

10. Rahim spent $\frac{2}{5}$ of his money on 3 similar shirts and 5 similar dresses. A dress cost twice as much as a shirt. He spent $\frac{1}{6}$ of his remaining money on a bag and had $175.50 left.

(a) How much money did the bag cost?

(b) How much more money did the bag cost than one shirt?

Do not write in this space

Ans : (a) _____ [1]

(b) _____ [4]

11. At first, Wonderlicious Bakery baked a total of 370 cupcakes, tarts and muffins. Half of its tarts and some muffins were sold. Then, 30 more cupcakes were baked. There was an equal number of cupcakes, tarts and muffins at the end. A total amount of $108 was collected from the sale of tarts.

Do not write in this space

Items	Price of each item
Cupcake	$2
Tart	$1.50
Muffin	$4

(a) How many tarts did Wonderlicious Bakery sell?

(b) How much money was collected from the sale of muffins?

Ans : (a) _____ [1]

(b) _____ [4]

End of Paper

SCHOOL : CHIJ PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2022 WA2

Q1)	$101 \div 4 = 25R1$ $25 \times 5 = 125$ $1 \times 2 = 2$ $125 + 2 = \$127$
Q2)	$\frac{1}{2} \times 7 \times 12 = 42cm^2$
Q3)	S : US : Total 4 : 12 : 16 ÷4 ÷4 ÷4 1 : 3 : 4
Q4)	$15 \times \frac{1}{3} = 5$ (dress) $15 - 5 = 10$ $10 - 1\frac{1}{2} = 8\frac{1}{2}$ m
Q5)	$5.6 - 0.8 = 4.8$ $1 \text{ unit} = 4.8 \div 4 = 1.2$ $1.2 + 0.8 = 2$km
Q6)	$250 - 20 = 230$ $100 + 20 = 120$ M : S 230 : 120 ÷10 ÷10 23 : 12

Q7)	$< a = 90°$ $< c = 90° - 42° = 48°$ $< b = 48°$ $48 + 48 + 90 = 186°$
Q8)	a) $40 + 25 = 65$ 65 min = 1 h 5 min b) 6.00 a.m.
Q9)	a) $81 = 9 \times 9$ $4 \times 9 = 36$ $64 - 36 = 28$ $28 \div 4 = 7$ $7 \times 7 = 49cm^2$ b) $7 \times 8 = 56$cm
Q10)	a) $6 - 1 = 5$ 1 unit = $170.50 \div 5 = \$35.10$ b) $35.10 \times 6 = 210.60$ $210.60 \div 3 = 70.20$ $70.20 \times 2 = 140.40$ 1D → 2S $2 \times 5 = 10$ 5D → 10S $10 + 3 = 13$ 1 shirt → $140.40 \div 13 = 10.80$ $35.10 - 10.18 = \$24.30$
Q11)	a) $108 \div 1.50 = 72$ b) $370 + 30 = 400$ $72 \times 4 = 288$ $400 - 288 = 112$ $112 \times 4 = \$448$