Ai Tong School
P5 Mathematics
2022 Term 3 Review

Name : _____ (   ) Class : 5 _____

Date : _____   Marks: _____ /35

Duration: 50 min   Parent's signature: _____

Follow all instructions. Answer all questions.
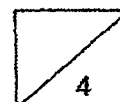**You are allowed to use a calculator.**

Section A

Questions **1** to **5** carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.   (10 marks)

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1   What is 75% of 180?

Ans: _____

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2   10.5 ℓ of syrup is added to 6.8 ℓ of water to form a mixture.
    The mixture is then poured equally into 4 similar bottles.
    What is the volume of the mixture in each bottle in millilitres?

Ans: _____ mℓ

/4

3. Mr Tan buys a laptop that costs $2460. He also has to pay a 7% GST. How much is the GST?
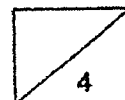
Ans: $ _____

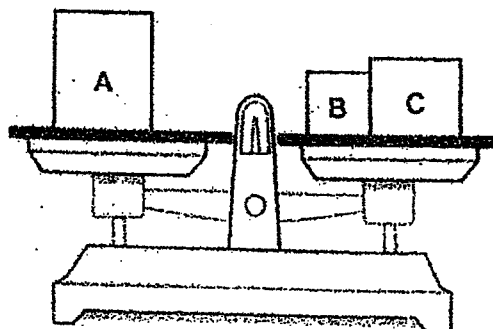
4. Mushrooms are sold at $2.90 per 200 g at a supermarket. What is the price of 1.8 kg of mushrooms?
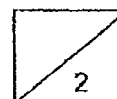
Ans: $ _____

4

5   The figure below shows 3 parcels A, B and C on a balance scale. The scale shows that it is balanced.

The mass of Parcel A is 108 kg. What is the average mass of the 3 parcels?

Ans: _____ kg

Section B

For questions 6 to 12, show your working clearly in the space provided for each question and write the answers in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question. (25 marks)
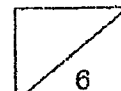
6   Greg keeps $1280 in his bank account for a year. The bank pays him interest of 2.5% each year. How much money will Greg have in his bank account at the end of 1 year?

Ans: _____ [3]

7   Mr Mani sold an equal number of large and small pies at the prices shown below and collected $1092. How many large pies did Mr Mani sell?

PIES FOR SALE!

Large   Small
$10.90 $5.90

Ans: _____ [3]

6

8 The average mass of all the students in a class is 40 kg. There is an equal number of boys and girls in the class. The average mass of the boys is 50 kg.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.   [3]

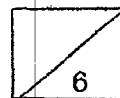| Statement	True	False	Not possible to tell
Each boy has a greater mass than each girl.			
The average mass of the girls is less than 40 kg.			
The average mass of the students in the class will increase if 2 more students are added into the class.			

9 Eli worked in a restaurant for 8 hours each day from Monday to Friday. She was paid $340 in total. She was paid the same amount per hour.

(a) How much was she paid per hour?

Ans: (a) $ _____   [2]

(b) At this rate, how many hours would she have to work to be paid $2380?
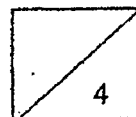
Ans: (b) _____   [1]

6

10   The original price of a television was $1700.

Cathy bought it at a discount of 20% and had $\frac{4}{5}$ of her money left. She then spent 30% of the money left on a sofa.

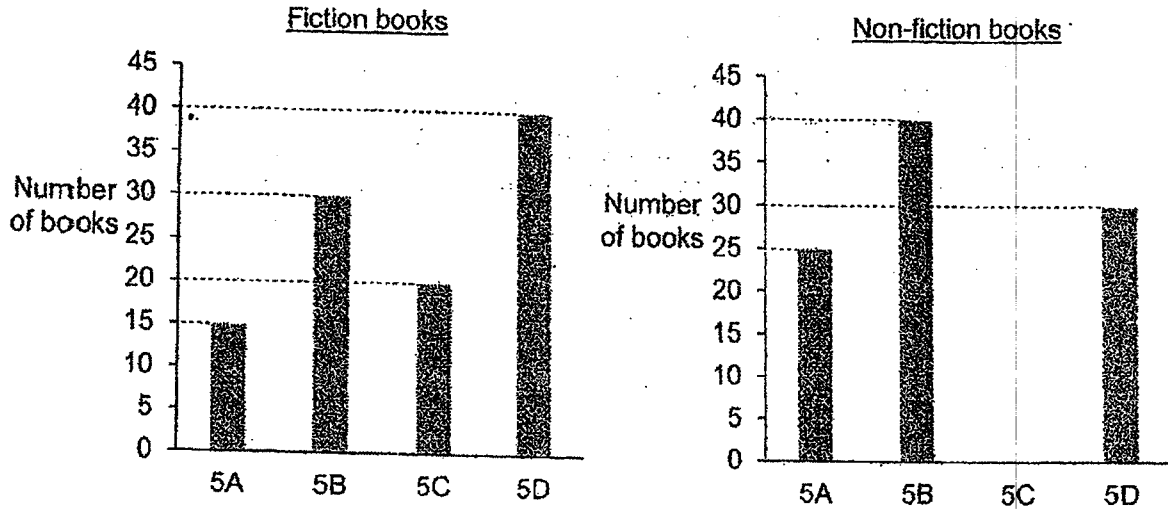(a)   How much was the cost of the television after the discount?

Ans: (a) _____ [1]

(b)   How much did Cathy spend on the sofa?

Ans: (b) _____ [3]

4

11 The bar graph shows the number of fiction and non-fiction books four classes borrowed in a week.
The bar for non-fiction books borrowed by 5C is **not** shown.

<u>Fiction books</u>

<u>Non-fiction books</u>
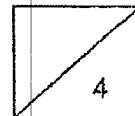

(a) What is the average number of fiction books borrowed by the 4 classes? Leave your answer to the nearest whole number.

Ans: (a) _____ [2]

(b) The average number of books borrowed by 5C and 5D is 68. How many non-fiction books did 5C borrow?

Ans: (b) _____ [2]

4

12 The rental rates of a bicycle at a neighbourhood park is shown in the table below.

	Cost
First 1 hour	$6.80
For every additional 30 minutes or part thereof	$2.50

(a) Keith rented a bicycle from 8 am to 10.45 am. How much did he pay for the rental?

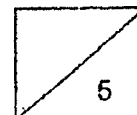Ans: (a)_____ [2]

(b) William rented a bicycle and paid $19.30 in total. What was the most number of minutes that William rented the bicycle for?

Ans: (b)_____ [3]

End of Paper
--- CHECK YOUR WORK CAREFULLY ---

5

SCHOOL   :   AI TONG PRIMARY SCHOOL
LEVEL   :   PRIMARY 5
SUBJECT :   MATHEMATICS
TERM   :   2022 TERM 3

Q1)	135	
Q2)	$6.8 + 10.5 = 17.3$ $17.3 \times 1000 = 17300$ $17300 \div 4 = 4325 m\ell$	
Q3)	$2460 \times 7\% = \$172.20$	
Q4)	$200g = 0.2kg$ $1.8 \div 0.2 = 9$ $2.90 \times 9 = \$26.10$	
Q5)	$108 \times 2 = 216$ $216 \div 3 = 72kg$	
Q6)	$1280 \times 25\% = 32$ $32 + 1280 = \$1312$	
Q7)	$10.90 + 5.90 = 16.8$ $1092 \div 16.8 = 65$	
Q8)	<table><tr><td></td><td></td><td>√</td></tr><tr><td>√</td><td></td><td></td></tr><tr><td></td><td></td><td>√</td></tr></table>	
Q9)	a) $340 \div 5 = 68$ $68 \div 8 = \$8.50$ b) $2380 \div 8.5 = 280$ hours	
Q10)	a) $1700 \times 80\% = \$1360$ b) $1360 \times 4 = 5440$ $5440 \times 30\% = \$1632$	

Q11)	a) $15 + 30 + 20 + 40 = 105$
	    $\quad 105 \div 4 = 26.25$
	    $\quad\quad\quad \approx 26$
	
	b) $68 \times 2 = 136$
	    $\quad 136 - 20 - 40 - 30 = 46$

Q12)	a) $2.50 \times 4 = 10$
	    $\quad 10 + 6.80 = \$16.80$
	
	b) $19.30 - 6.80 = 12.5$
	    $\quad 12.5 \div 2.5 = 5$
	    $\quad 5 \times 30 = 150$
	    $\quad 1 \text{ hour} = 60 \text{ minutes}$
	    $\quad 150 + 60 = 210 \text{ minutes}$

Pg2