MATHEMATICS

PAPER 1

(Booklet A and Booklet B)

Time for Paper 1 is **1 hour 15 min.**

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	20
Booklet B	40
Total for Paper 1	60

Questions 1 to 10 carry 2 marks each.
For each question, four options are given. One of them is the correct answer.

Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. The value of the digit 5 in 45 326 is _____.
   (1)   50
   (2)   500
   (3)   5000
   (4)   50 000

2. 37 868 when rounded off to the nearest hundred is _____.
   (1)   37 800
   (2)   37 860
   (3)   37 870
   (4)   37 900

3. Which of the following is **not** an equivalent fraction of $\frac{1}{4}$?

   (1) $\frac{2}{8}$

   (2) $\frac{4}{16}$

   (3) $\frac{8}{12}$

   (4) $\frac{6}{24}$

4.   Find the value of $\frac{1}{3} + \frac{1}{9}$.

(1) $\frac{2}{3}$

(2) $\frac{4}{9}$

(3) $\frac{2}{12}$

(4) $\frac{1}{27}$

5.   In the number 41.32, the digit _____ is in the tenths place.
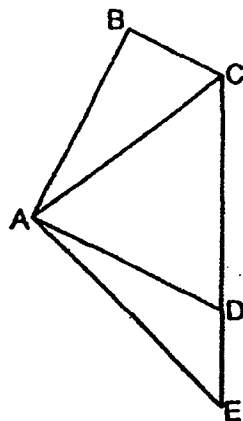
(1) 1

(2) 2

(3) 3

(4) 4

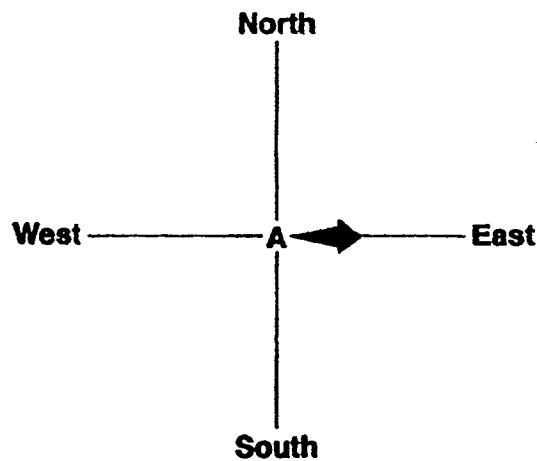6.   In the figure, which two lines below are parallel?

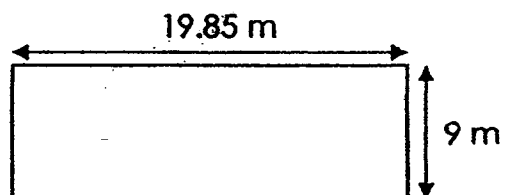(1)   AB and BC

(2)   AE and BC

(3)   BA and AD

(4)   BC and AD

7. Dylan is standing at point A and facing East. He turns through 5 right angles in the anti-clockwise direction, followed by 3 right angles in the clockwise direction. Which direction is he facing now?

North

West ———————A◄■■——————— **East**

South

(1) North
(2) South
(3) East
(4) West

8. The figure has a length of 19.85 m and a breadth of 9 m. What is the area of the figure? Round off the answer to the nearest whole number.

(1) 180 m²
(2) 179 m²
(3) 178 m²
(4) 171 m²

19.85 m

9 m

9. Marcus has $8 less than Daniel but $4.25 more than Winston. How much more does Daniel have than Winston?

    (1) $3.75
    (2) $4.25
    (3) $12.25
    (4) $16.50

10. A greengrocer had 30 kg of tomatoes. He threw away 0.85 kg of rotten ones and sold 24.2 kg. What was the mass of tomatoes left?

    (1)   4.95 kg
    (2)   5.80 kg
    (3)   23.35 kg
    (4)   29.15 kg

Paper 1 (Booklet B)

Each question carries 2 marks. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

11. Fill in the blank with the correct number in the number pattern below.

750, 725, 700, _____ 650

12. What number is 100 more than 9985?

13. Write $\dfrac{19}{6}$ as a mixed number in its simplest form.

14. Find the value of $1 - \dfrac{1}{4} - \dfrac{3}{8}$.

15. Write 7 hundredths in figures.

16. Arrange the following numbers from the smallest to the greatest.

$$\frac{2}{5} \quad , \quad 0.405 \quad , \quad 0.045$$

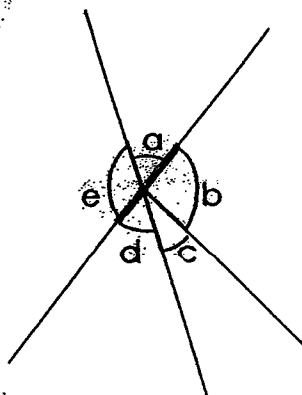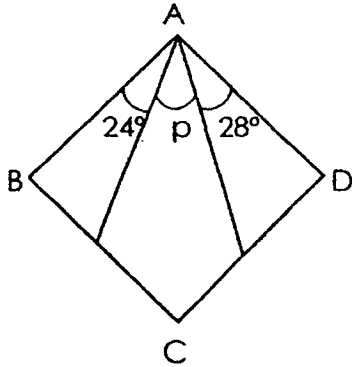|		

(smallest) , , (greatest)

17. Express $\frac{89}{100}$ as a decimal.

18. Round off 28.53 to the nearest whole number.

19. In the figure, name the two angles that are greater than 90°.

$\angle e$ and $\angle$

20. ABCD is a square. Find ∠p.
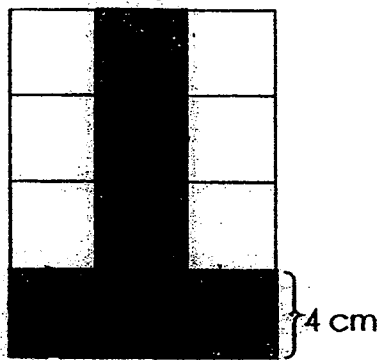

A

24° p 28°

B

D

C

21. When it is 01 30 in Singapore, it is 03 30 in Australia. From Singapore, Bala called his brother who was studying in Australia. The time in Singapore was 16 00. What was the time in Australia? Give your answer in 24-hour clock.

22. A birthday dinner started at 20 30 and ended at 23 15. How long was the dinner?

23. The length of a rectangle is 3 times its breadth. Its perimeter is 72 m.
Find its length.

24. The shaded figure is drawn on a 4-cm grid. Find the perimeter of the
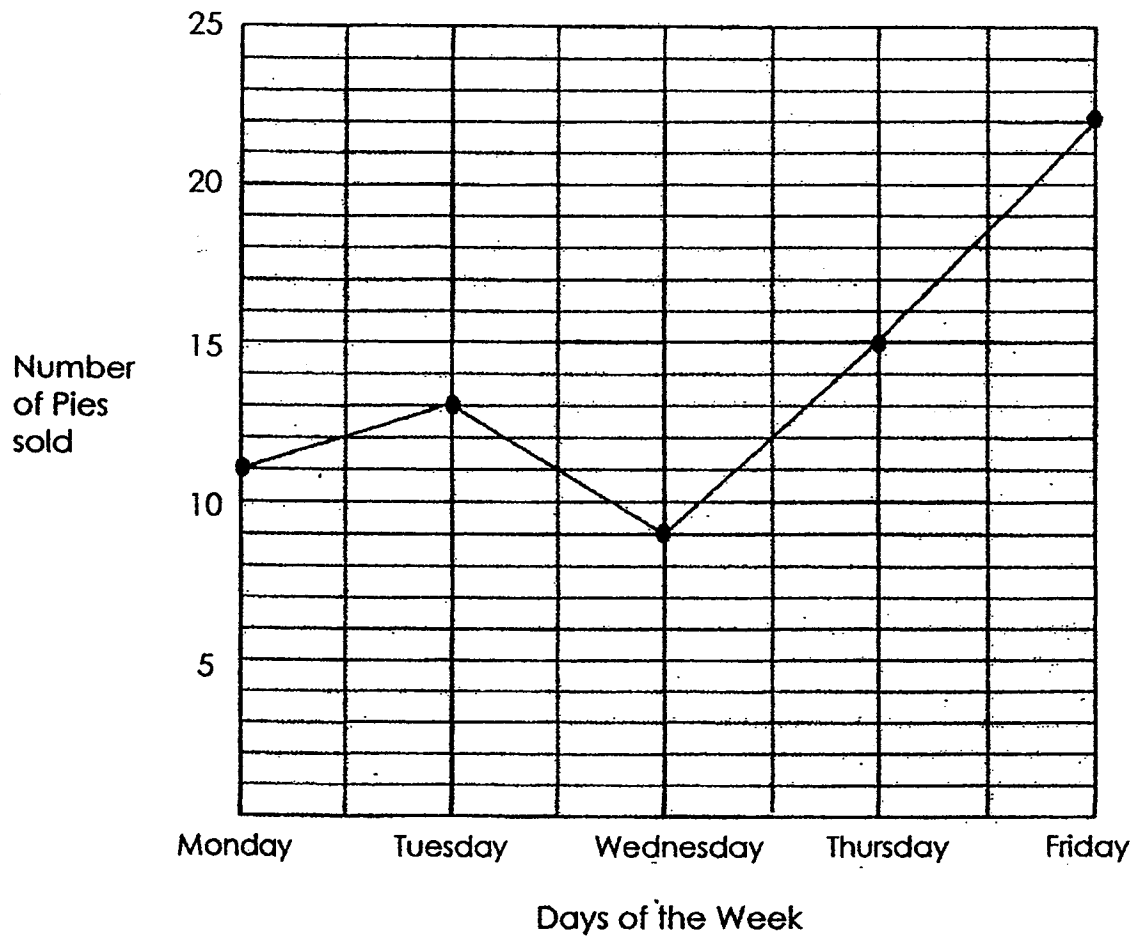shaded figure.

4 cm

25. The figure below is made up of 10 identical squares. Find the area of
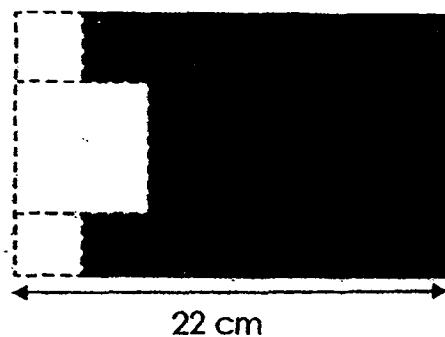the unshaded part.

6 cm

Use the bar graph below to answer **questions 26 to 27**.

The line graph below shows the number of pies sold during weekdays at Yummy Pie Shop. Study it carefully and answer the following questions.
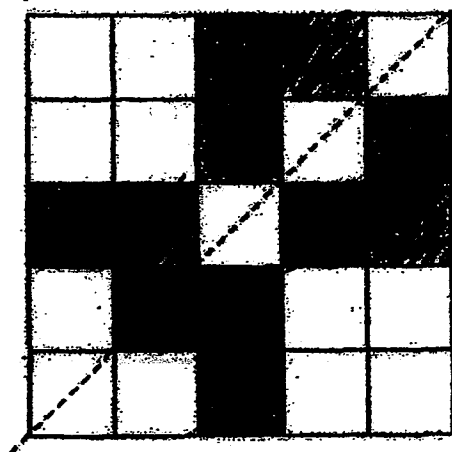

Days of the Week

26. What was the total number of pies sold at Yummy Pie Shop for the five days?

27. During which one-day interval was the increase in the number of pies sold the greatest?
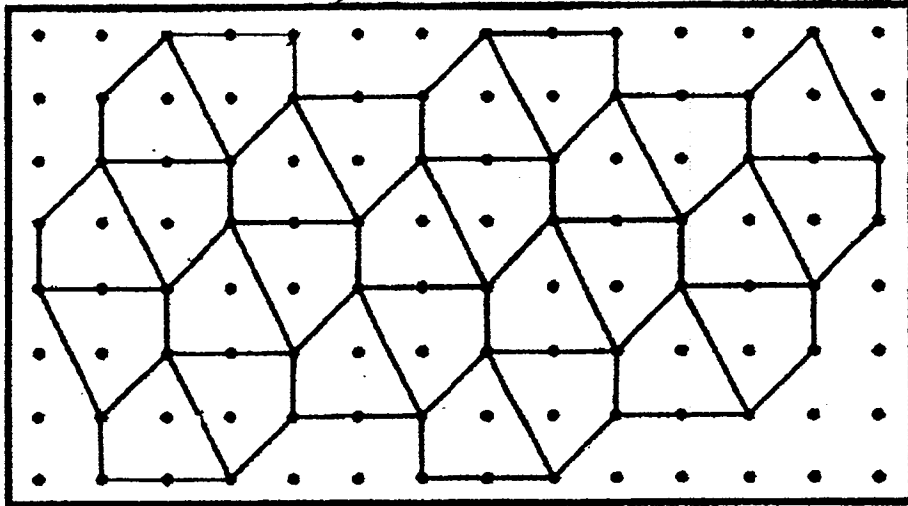
28. Sarah had a piece of cardboard with a length of 22 cm. She cut out a square of side 6 cm and two identical small squares of side 3 cm. Find the area of the remaining cardboard.

22 cm

29. The dotted line in the figure below is a line of symmetry.
Shade the 3 squares to make a symmetric pattern.

30. Draw two more unit shapes to complete the tessellation.

PRIMARY 4 END-OF-YEAR EXAMINATION 2014

Name : _____ ( ) Date: <u>28 October 2014</u>

Class : Primary 4 ( ) Time: <u>10.30 a.m. - 11.30 a.m.</u>

Parent's Signature : _____ Marks: _____ **/ 40**

MATHEMATICS

PAPER 2

Time for Paper 2 is **1 hour.**

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Questions 1 to **10** carry 4 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. (40 marks)

1. A piece of string is 36.8 cm long. It is 4 times as long as a rope and twice as long as a piece of ribbon.
   a) What is the length of the rope?
   b) What is the length of the ribbon?

   Ans: a) _____
   b) _____

2. Mrs Lee baked 280 tarts. She sold $\frac{3}{5}$ of them and gave away $\frac{1}{4}$ of the remainder.
   a) How many tarts did she sell?
   b) How many tarts had she left?

   Ans: a) _____
   b) _____

3. Jenny's age is $\frac{2}{3}$ of her brother's age. Their total age in two years' time is

    34 years.

    a)   What is Jenny's age now?

    b)   How many years older is Jenny's brother?

                                        Ans: a) _____

                                              b) _____

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4. The mass of a box containing 6 bottles of honey was 18.55 kg. When 2 bottles
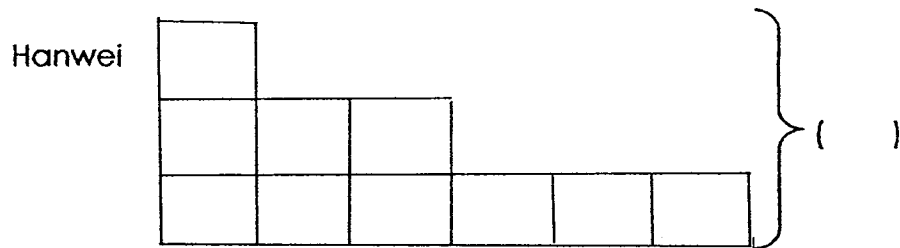   of honey were removed from the box, the mass became 13.05 kg.

    a)   Find the mass of two bottles of honey.

    b)   Find the mass of the empty box in kilograms. (Round off your answer to
         1 decimal place)

                                        Ans: a) _____

                                              b) _____

5. Guoyao had 3 times as many stamps as Hanwei. Bryan had twice as many stamps as Guoyao. They had a total of 450 stamps.

    a) Complete drawing the model.   (1 mark)

    Hanwei

    }( )

    b   How many more stamps did Bryan have than Hanwei?   (3 marks)

    Ans: _____

___

6. Siti went to the supermarket with some money to buy cherries which were sold at $9.50 per 500 g. Siti bought 1 kg of cherries and had $13 left.
    If she wanted to buy 2 kg of cherries, how much more money would she need?
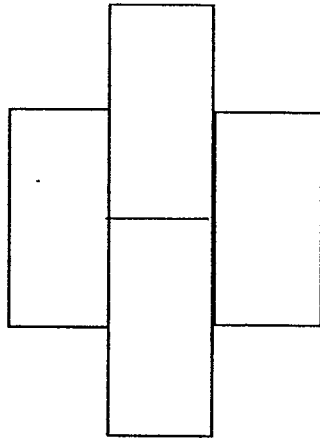
    Ans: _____

7. The capacity of 3 jugs and 3 pails is 12 litres. A pail can hold 1.5 litres more than a jug. What is the capacity of one jug?

Ans: _____

8. Yufei started saving some money on Monday. Each day, he saved $0.50 more than the day before. By Friday of the same week, he had saved $25. Find the amount he saved on Thursday.

Ans: _____

9. The figure below is made up of 4 identical rectangles. The area of the figure is 128 cm². The length of each rectangle is 8 cm. Find the perimeter of the figure.

Ans: _____

10. The patterns below are formed by matchsticks.

Pattern 1   **Pattern 2**   **Pattern 3**

a) How many matchsticks are there in Pattern 8?   (2 marks)

Pattern Number	Number of matchsticks
Pattern 1	5
Pattern 2	9
Pattern 3	13
Pattern 4	17
Pattern 8	?

Ans: a) _____

b) Which pattern will have 105 matchsticks?   (2 marks)

Ans: b) _____

End of Paper

EXAM PAPER 2014
LEVEL   : PRIMARY 4
SCHOOL   : TAO NAN SCHOOL
SUBJECT : MATHS
TERM   : SA2

Paper 1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	2	3	4	4	2	3	1

Q11   675
Q12   10085
Q13 $3\frac{1}{6}$
Q14 $\frac{3}{8}$
Q15   0.07
Q16   0.045, $\frac{2}{5}$, 0.405
Q17   0.89
Q18   29
Q19 $\angle$ e and $\angle$ b
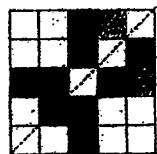Q20   38°
Q21   18 00
Q22   2h 45mins
Q23   27m
Q24   56cm
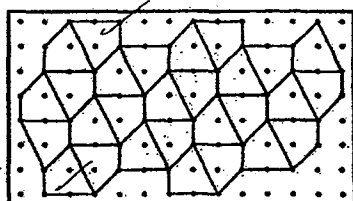Q25   126cm²
Q26   70 pies
Q27   Thursday and Friday
Q28   210cm²
Q29

Q30

Q1 (a) $36.8 \div 4 = 9.2$
It is 9.2cm.

(b) $9.2 \times 2 = 18.4$
It is 18.4cm.

Q2 (a) $280 \div 10 = 28$
$28 \times 6 = 168$
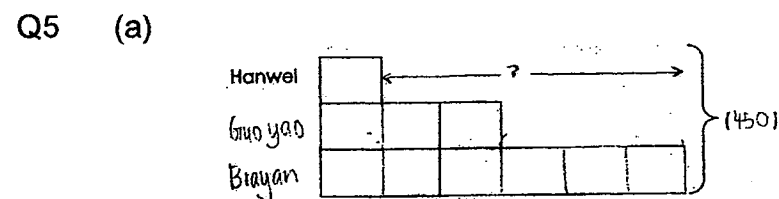**She sold 168 tarts.**

(b) $28 \times 3 = 84$
She had 84 tarts left.

Q3 $2 \times 2 = 4$
$34 - 4 = 30$
$30 \div 5 = 6$
$6 \times 2 = 12$

(a) **She is 12 years old.**

(b) **He is 6 years older.**

Q4 (a) $18.55 - 13.05 = 5.50$
They are 5.50kg.

(b) $5.50 \times 3 = 16.50$
$18.55 - 16.50 = 2.05$
$2.05 \approx 2.1$ (1 decimal place)
It is 2.1kg.

Q5 (a)

(b) $450 \div 10 = 45$
$45 \times 5 = 225$
Bryan had 225 stamps more than Hanwei.

Q6 $950 \times 2 = 1900$
$1900 + 1300 = 3200$
$950 \times 4 = 3800$
$3800 - 3200 = 600$
She would need $6 more.

Q7 $1.5 \times 3 = 4.5$
$12.0 - 4.5 = 7.5$
$7.5 \div 6 = 1.25$
It is 1.25ℓ

Q8 $50 \times 10 = 500$
$2500 - 500 = 2000$
$2000 \div 5 = 400$
$50 \times 3 = 150$
$400 + 150 = 550$
He saved \$5.50.

Q9 $128 \div 4 = 32$
$32 \div 8 = 4$
$8 - 4 = 4$
$4 \times 10 = 40$
$8 \times 2 = 16$
$40 + 16 = 56$
It is 56 cm.

Q10   (a) $(8 \times 4) + 1 = 33$
There are 33 matchsticks.

(b) $105 - 1 = 104$
$104 \div 4 = 26$
It is pattern 26.