Tao Nan School
Primary 4 Mathematics Practice Paper 2 2022

Name : _____ ( ) Class : Pr 4 ( )

Paper 1 Booklet A
Multiple Choice Questions
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. (20 marks)

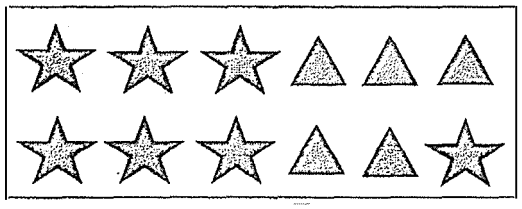
1. The value of the digit 4 in 34 615 is _____.

   (1) 40
   (2) 400
   (3) 4000
   (4) 40 000 ( )

2. 48 is **not** a multiple of _____.

   (1) 6
   (2) 8
   (3) 12
   (4) 14 ( )

3. What fraction of the shapes in the box are ▲ ?



   (1) $\frac{5}{12}$
   (2) $\frac{5}{7}$
   (3) $\frac{7}{12}$
   (4) $\frac{7}{5}$ ( )

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4. The digit 6 in 9.263 stands for 6 _____.

(1) ones

(2) tens

(3) tenths

(4) hundredths ( )

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

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

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

(3) $\frac{5}{16}$

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

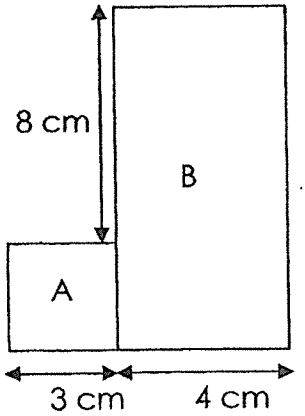
6. The figure shown is made up of a square A of side 3 cm and a rectangle B with breadth 4 cm. What is the length of the rectangle?

(1) 7 cm

(2) 8 cm

(3) 11 cm

(4) 12 cm

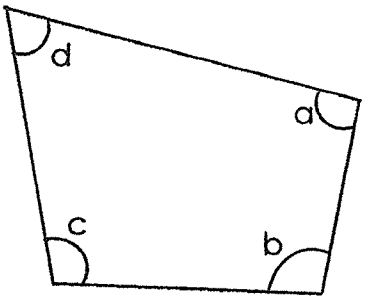


( )

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7. In the figure, which of the marked angles is smaller than a right angle?

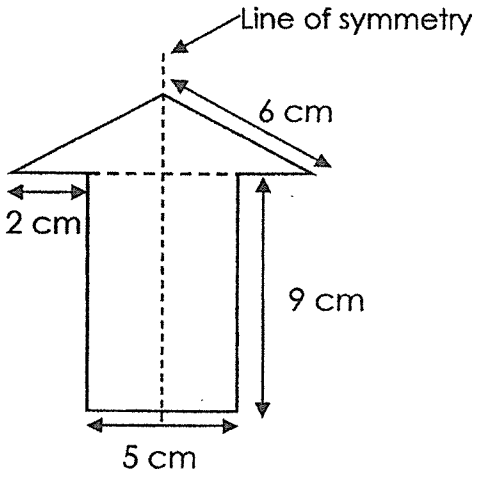
(1) ∠ a
(2) ∠ b
(3) ∠ c
(4) ∠ d



( )

8. The figure is made of a triangle and a rectangle.
The perimeter of the whole figure is _____ cm.

(1) 22
(2) 37
(3) 39
(4) 44



( )

9. Muthu has eighteen 50-cent coins and 20-cent coins. He has a total of $6.90. How many 20-cent coins does Muthu have?

(1) 5
(2) 7
(3) 9
(4) 11

( )

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10. Mrs Seng bought a 2-kg bag of sugar. She used 50 g of the sugar each day. How many days did the bag of sugar last?

(1) 25
(2) 40
(3) 52
(4) 100

( )

Paper 1 (Booklet B)

Short Answer Questions

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

(40 marks)

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11. Write the missing number in the number pattern below.

15 000 , 14 200 , 13 400 , 12 600, _____ , 11 000

12. Two factors of 14 are 1 and 14. What are the other two factors of 14?

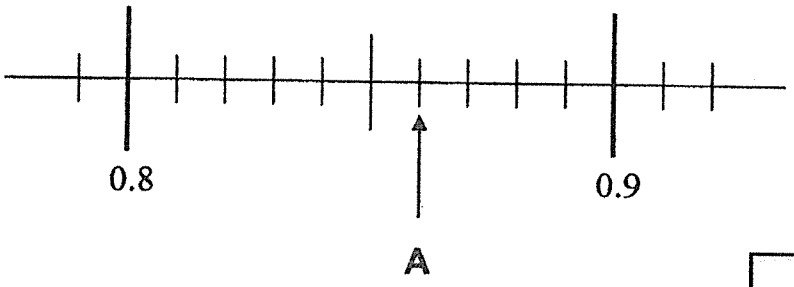
____ and ____

13. Write $5\frac{2}{5}$ as an improper fraction.

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

15. Write the decimal represented by **A**.



16. Express $\frac{67}{100}$ as a decimal.

17. Arrange the following numbers in order from the greatest to the smallest.

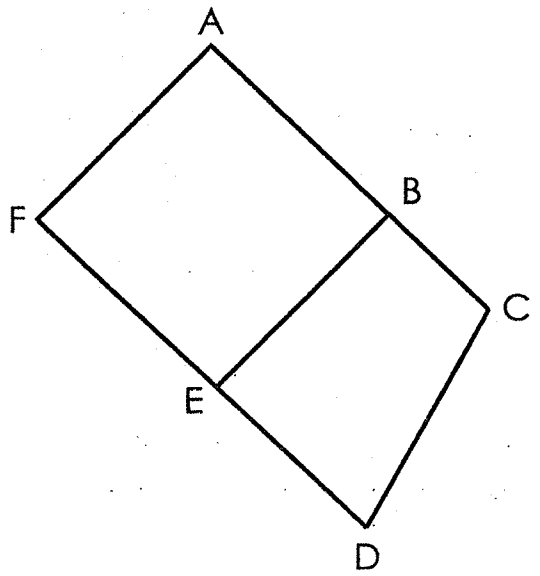
0.069 , 0.906 , 0.609 , 0.960

(greatest) (smallest)

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18. Round 209.55 to the nearest whole number.

19. In the figure, one of the lines is parallel to AF. Which line is parallel to AF?

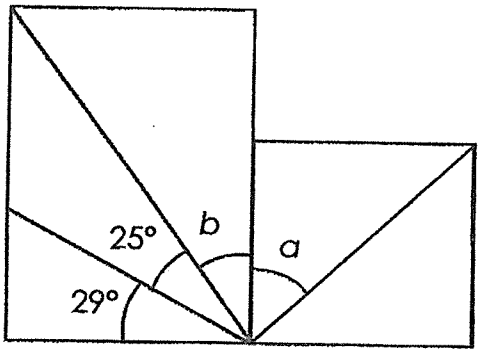


20. The product of two numbers is 50.4.
If one number is 8, what is the other number?

21. Henry is facing East. He makes a 270° anti-clockwise turn. Then he makes a $\frac{1}{2}$ - turn in a clockwise direction.
What direction does he end up facing?

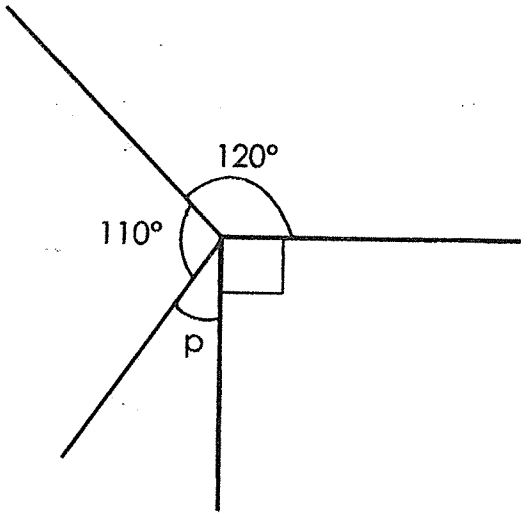
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22. The figure is made up of a rectangle and a square.
Find the sum of $\angle a$ and $\angle b$.



°

23. Find $\angle p$ in the figure below.



°

24. Ahmad has swimming lesson from 4.15 p.m. to 5.45 p.m. daily.
How many hours of swimming lessons does he have in a week?

h

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25. Meiling started her Social Studies project at 18 50. She spent 75 minutes doing it. She also took a break of $\frac{1}{2}$ h. At what time did she finish her Social Studies project? Leave your answer in 24-hour clock.

26. At first, Alan had $25 more than Benny. Then Alan donated $30 and Benny donated $2 to a charity. Who had more money left ?



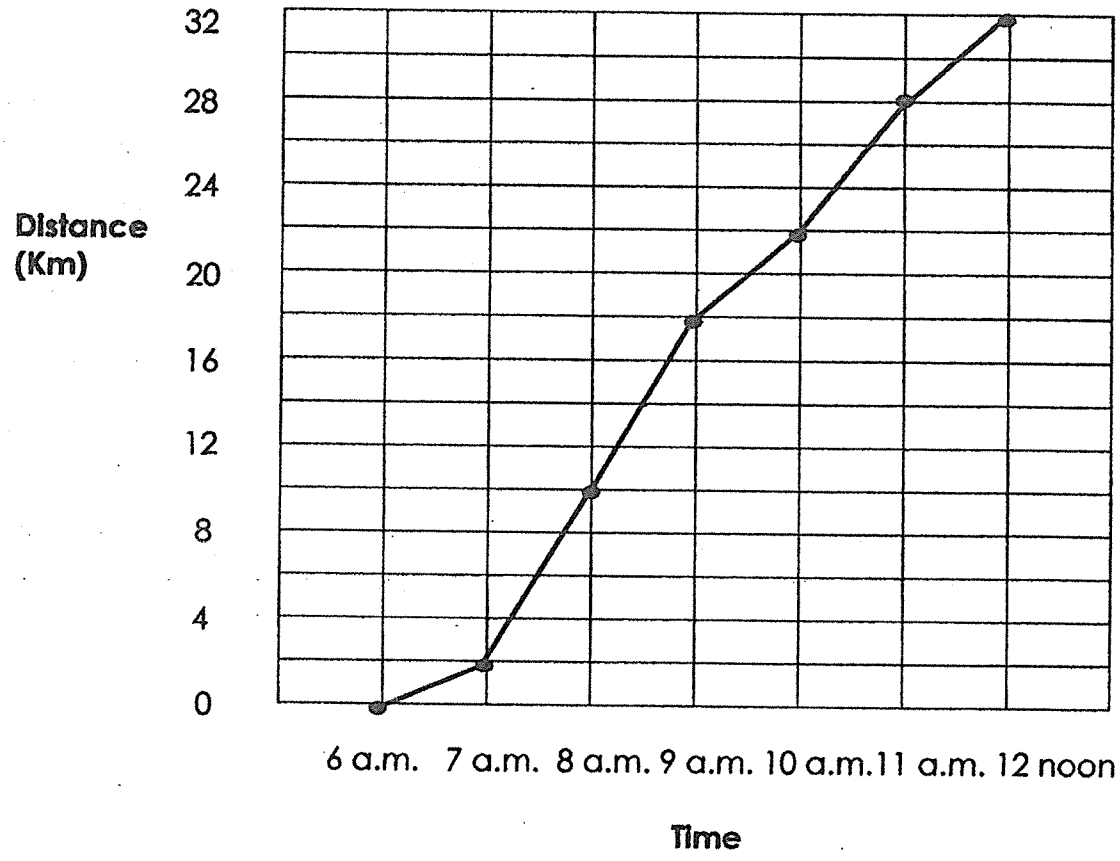
27. A rectangular courtyard has an area of 108 m². The breadth of the courtyard is 9 m. A fence is to be placed around the courtyard. How many metres of fence are needed?

m

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Use the bar graph below to answer **questions 28 to 29.**

The line graph shows the distance jogged by Fandi from 6.00 a.m. to 12 noon. Study it carefully and answer the following questions.



28. At what time did Fandi jog a distance of 14 km?

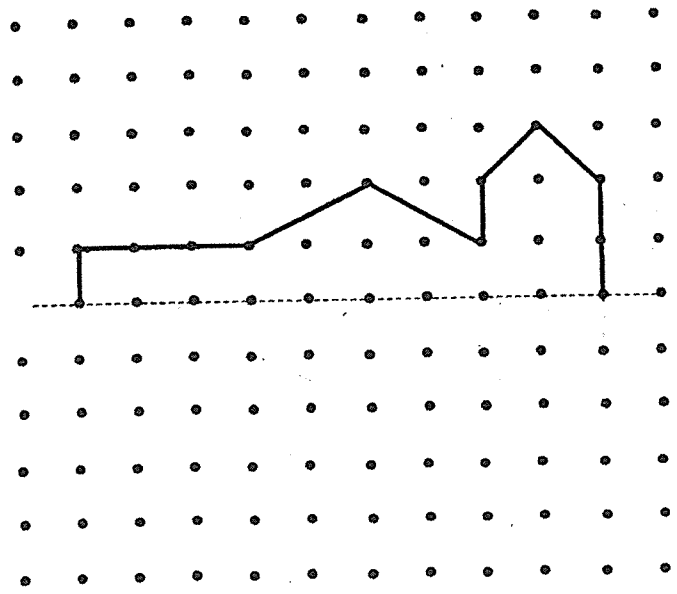
a.m.

29. What was the distance jogged by Fandi from 10 a.m. to 12 noon?

km

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30. The dotted line in the figure below represents the line of symmetry. Draw the other half of the figure.



End of Paper

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Primary 4 Mathematics Practice Paper 2 2022

Name : _____ ( ) Class : Pr 4 ( )

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)

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1. A pen cost $2.50 and a file cost twice as much as a pen. Mr Lim bought 4 pens and 20 files. Find the total amount of money spent by Mr Lim.

Mr Lim spent _____ . Ans: _____

---

2. A handbag and 2 similar wallets cost $350. The handbag cost $200 more than a wallet. Find the cost of the handbag.

The handbag cost _____ Ans: _____

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3. Mother baked 480 cookies. She gave $\frac{3}{5}$ of them to charity and packed the rest equally into 4 bottles.

a) How many cookies did she give to charity?

She gave _____ cookies to charity. Ans: a) _____

b) How many cookies were there in each bottle?

There were _____ cookies in each bottle.

Ans:b) _____

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4. Julia has 12 rows of potted plants in her garden. There are 8 pots of plants in each row. $\frac{2}{3}$ of the potted plants bear flowers. The rest do not bear flowers. How many of the potted plants do not bear flowers?

_____ of the potted plants do not bear flowers. Ans: _____

5. Kelly has $348 more than Sandy. How much money must Kelly give to Sandy so that Sandy will have $50 more than her?

Kelly must give Sandy _____. Ans: _____

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6. An artist used 1380 pink, blue and green beads for her art work. She used 240 more pink beads than green beads. She used the same number of blue beads as pink beads. How many green beads did she use?

She used _____ green beads. Ans: _____

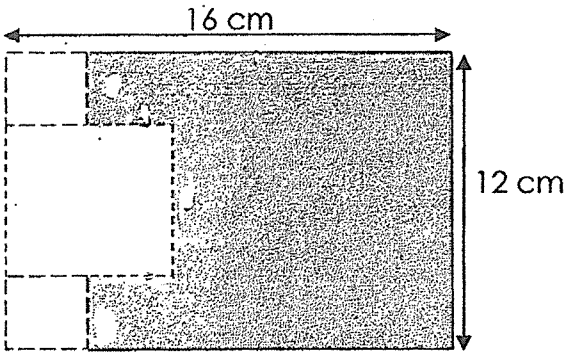
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7. A box with 10 packets of biscuits weighed 4.9 kg. The mass of 2 packets of biscuits was 0.9 kg. What was the mass of the box when it was empty? (Give your answer in kilograms)

The mass of the box was _____ when it was empty. Ans: _____

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8. Yifeng had a piece of coloured paper measuring 16 cm by 12 cm.
He cut out a square of side 6 cm and 2 squares of side 3 cm.



a) What is the perimeter of the remaining paper?

The perimeter of the remaining paper is _____

Ans: a) _____

b) What is the area of the remaining paper?

The area of the remaining paper is _____

Ans: b) _____

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9. Baoling bought some cheese tarts. If she gives 8 cheese tarts to each cousin, she would have 6 cheese tarts remaining. If she gives 9 cheese tarts to each cousin, she would have 1 cheese tart remaining.
How many cousins did Baoling have?

Baoling had _____ cousins. Ans: _____

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10. Study the pattern shown below.



Pattern 1 Pattern 2 Pattern 3 Pattern 4

Pattern Number	Number of Hearts
1	1
2	3
3	6
:	:
7	?

a) How many hearts (♡) are there in Pattern 7? (2 marks)

Ans: a) _____

b) Which Pattern will have 66 hearts (♡)? (2 marks)

Ans: b) _____

End of Paper 2

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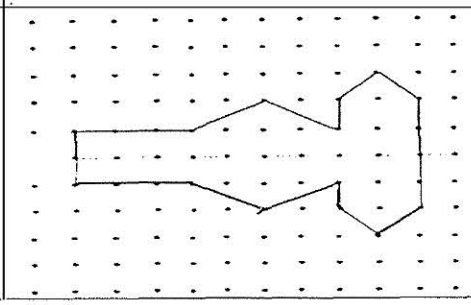
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YEAR : 2022
LEVEL : PRIMARY 4
SCHOOL : TAO NAN SCHOOL
SUBJECT : MATHEMATICS
TERM : PRACTICE PAPER 2

BOOKLET A

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

BOOKLET B

Q11	11 800
Q12	2 and 7
Q13	$\frac{27}{5}$
Q14	$2\frac{1}{8}$
Q15	0.86
Q16	0.67
Q17	0.960, 0.906, 0.609, 0.069
Q18	210
Q19	EB
Q20	6.3
Q21	North
Q22	81°
Q23	40°
Q24	10.5h
Q25	20 35
Q26	Benny
Q27	42 m
Q28	8.30 a.m.
Q29	10 km
Q30	

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PAPER 2

<table>
<tr><td>Q1</td><td>2.50 x 4 = 10.00
2.50 x 2 = 5.00
5 x 20 = 100
100 + 10 = $110
Mr Lim spent $110.00</td></tr>
<tr><td>Q2</td><td>350 – 200 = 150
150 ÷ 3 = 50
200 + 50 = 250
The handbag cost $250</td></tr>
<tr><td>Q3</td><td>a) 480 ÷ 5 = 96
96 x 3 = 288
She gave 288 cookies to charity.
b) 480 – 288 = 192
192 ÷ 4 = 48
There were 48 cookies in each bottle.</td></tr>
<tr><td>Q4</td><td>8 x 12 = 96
96 ÷ 3 = 32
32 of the potted plants do not bear flowers.</td></tr>
<tr><td>Q5</td><td>348 – 50 = 298
298 ÷ 2 = 149
149 + 50 = $199
Kelly must give Sandy $199</td></tr>
<tr><td>Q6</td><td>1380 + 240 = 1620
1620 ÷ 3 = 540
540 – 240 = 300
She used 300 green beads.</td></tr>
<tr><td>Q7</td><td>0.9 x 5 = 4.5
4.9 – 4.5 = 0.4
The mass of the box was 0.4kg when it was empty.</td></tr>
<tr><td>Q8</td><td>a) 6 – 3 = 3
16 – 3 = 13
13 + 12 + 13 + 3 + 3 + 6 + 3 + 3 = 56
The perimeter of the remaining paper is 56cm.
b) 16 x 12 = 192
3 x 3 = 9
6 x 6 = 32
9 x 2 = 18
36 + 18 = 54
192 – 54 = 138cm^2</td></tr>
<tr><td>Q9</td><td>
<table>
<tr><td>No. of cousins</td><td>Multiples of 8</td><td>+ 6</td><td>Multiples of 9</td><td>+ 1</td></tr>
<tr><td>5</td><td>40</td><td>46</td><td>45</td><td>46</td></tr>
</table>
Baoling had 5 cousins.
</td></tr>
</table>

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Q10	a) 6 + 4 + 5 + 6 + 7 = 28 There are 28 hearts. b)

Pattern No.	Hearts
8	36
9	45
10	55
11	66

Pattern 11

3

END

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