



HENRY PARK PRIMARY SCHOOL
2025 END OF YEAR EXAMINATION
MATHEMATICS
PRIMARY 4

Name: _____ ()

Parent's Signature

Class: Primary 4 _____

Duration of Paper: 1 h 30 min

Marks:

Section A (MCQ)	20
Section B (Open-Ended)	50
Section C (Problem Sums)	30
Total	100

SECTION A: Multiple-Choice Questions (20 marks)

Questions 1 to 10 carry 2 mark each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4) and shade your answer in the Optical Answer Sheet.

1. In which of the following does the digit 6 stand for 600?

(1) 6790

(2) 7690

(3) 7906

(4) 9760

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2. In which of the following are the numbers arranged from the smallest to the greatest?

(smallest)

(greatest)

(1) 4890 , 4809 , 4089

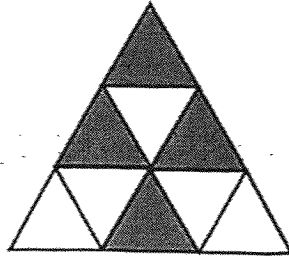
(2) 4089 , 4890 , 4809

(3) 4890 , 4089 , 4809

(4) 4089 , 4809 , 4890

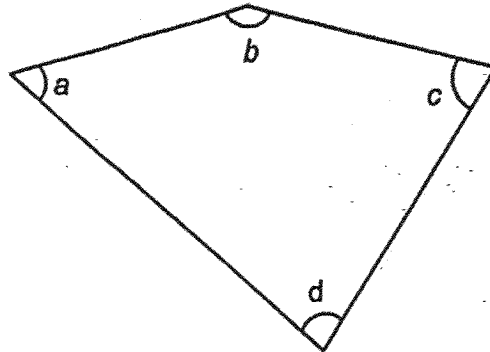
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3. The figure shown is made up of identical triangles.
What fraction of the triangles is shaded?



- (1) $\frac{4}{5}$
(2) $\frac{4}{8}$
(3) $\frac{4}{9}$
(4) $\frac{5}{9}$ ()
4. Express $\frac{28}{100}$ as a decimal.
(1) 0.208
(2) 0.028
(3) 0.28
(4) 2.08 ()
5. Find the sum of 0.4 and 81.23.
(1) 85.23
(2) 81.63
(3) 81.27
(4) 80.83 ()

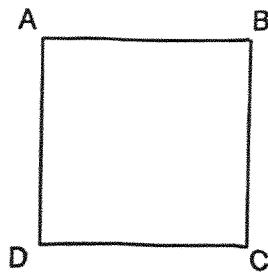
6. Which angle is greater than a right angle?



- (1) $\angle a$
- (2) $\angle b$
- (3) $\angle c$
- (4) $\angle d$

()

7. ABCD is a square with an area of 64 cm^2 . Find the length of one side of the square.



- (1) 32 cm
- (2) 16 cm
- (3) 8 cm
- (4) 4 cm

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8. The table below shows the number of books borrowed by some students from the library in a week.

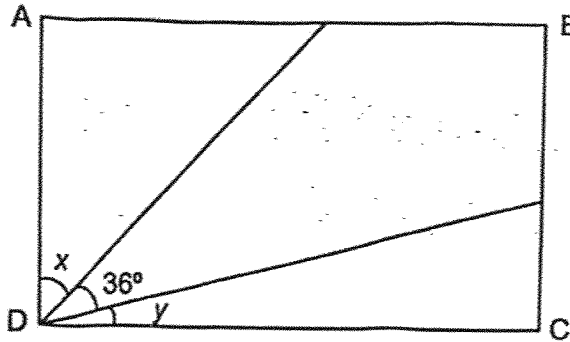
Number of books borrowed	1	2	3	4	5
Number of students	35	112	265	184	67

How many students borrowed more than 3 books?

- (1) 147
(2) 251
(3) 265
(4) 516 ()
9. Ethan took $\frac{3}{4}$ h to complete a puzzle. His sister completed the puzzle $\frac{1}{6}$ h faster than him. How long did his sister take to complete the puzzle?

- (1) $\frac{4}{10}$ h
(2) $\frac{2}{12}$ h
(3) $\frac{7}{12}$ h
(4) $\frac{11}{12}$ h ()

10. ABCD is a rectangle. $\angle x$ is twice the size of $\angle y$.
Find $\angle y$.



- (1) 18°
- (2) 27°
- (3) 54°
- (4) 72°

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— Last Page of Section A —

Go on to Section B

SECTION B: Open-Ended Questions (50 marks)

Questions 11 to 35 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.

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11. Round 39 520 to the nearest hundred.

Ans: _____

12. $2009 - 463 =$ _____

Ans: _____

13. Find the product of 1760 and 9.

Ans: _____

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14. How many one-eighths are there in 1 whole?

Ans: _____

15. $\frac{3}{5} = \frac{12}{\boxed{?}}$

What is the missing number in the box?

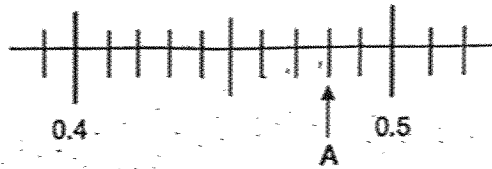
Ans: _____

16. $\frac{2}{3} + \frac{2}{9} =$

Ans: _____

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17. Write the decimal represented by A.

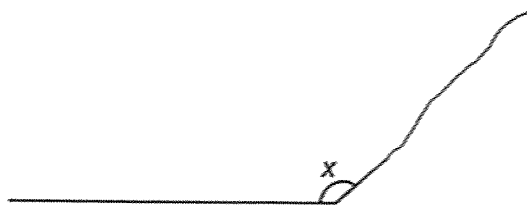


Ans: _____

18. Find the value of 6.37×8

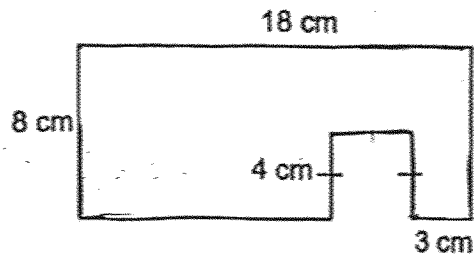
Ans: _____

19. Measure and write down the size of $\angle x$.



Ans: _____

20. The figure is made up of straight lines that meet at right angles.
Find the perimeter of the figure.



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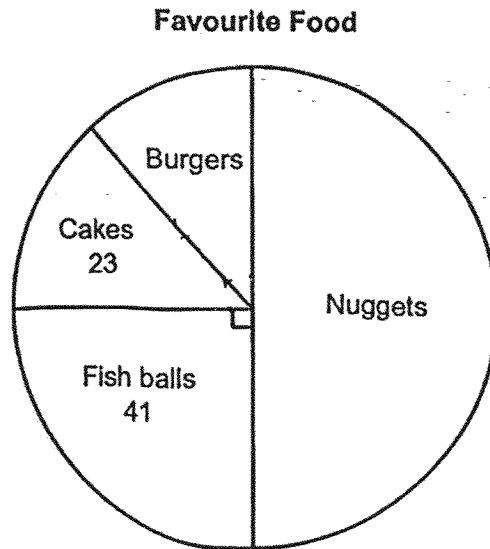
Ans: _____ cm

21. The sum of two numbers is 9081.
The difference between the two numbers is 4523.
What is the smaller number?

Ans: _____

22. The pie chart shows the favourite food of a group of children. $\frac{1}{2}$ of the children chose nuggets as their favourite food.

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- (a) What fraction of the children chose cakes and burgers as their favourite food?

Ans: (a) _____

- (b) How many children like burgers?

Ans: (b) _____

23. A tank and 2 buckets contain 8.15 ℓ of water. The volume of water in the tank is 3 times the volume of water in each bucket. What is the volume of water in each bucket?

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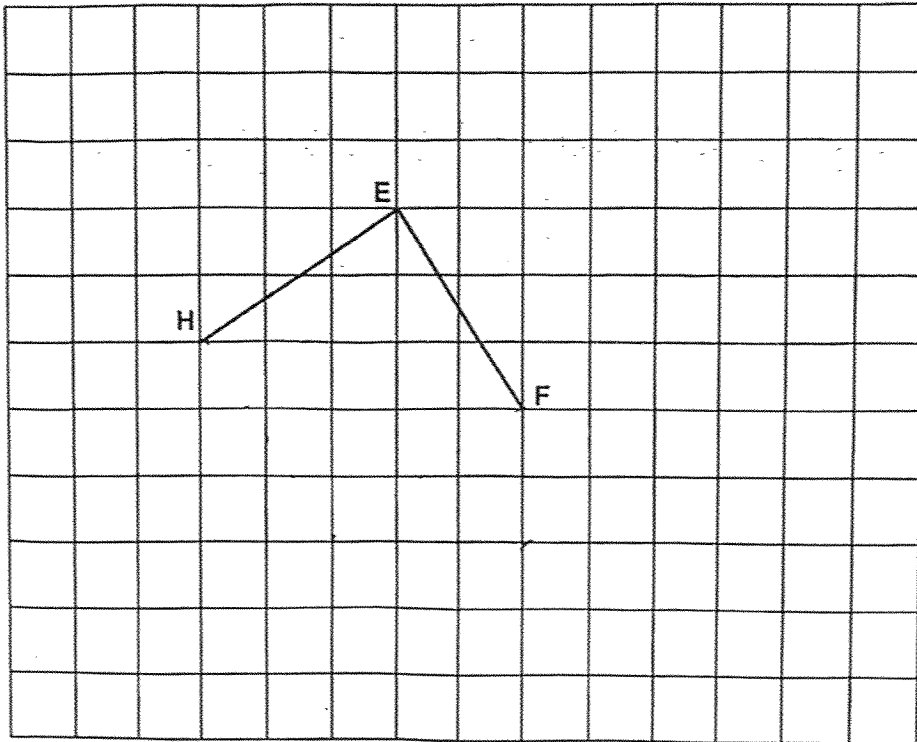
Ans: _____ ℓ

24. Mrs Toh had \$33.60. After paying \$7.80 for a packet of chocolate chip cookies, she had just enough money to buy 4 packets of butter cookies. How much did a packet of butter cookies cost?

Ans: \$ _____

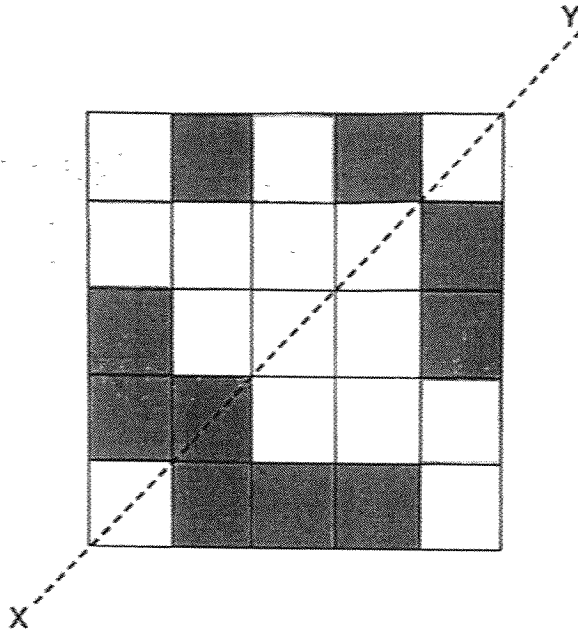
25. In the square grid below, EF and EH are two sides of square EFGH. Complete and label the drawing of square EFGH.

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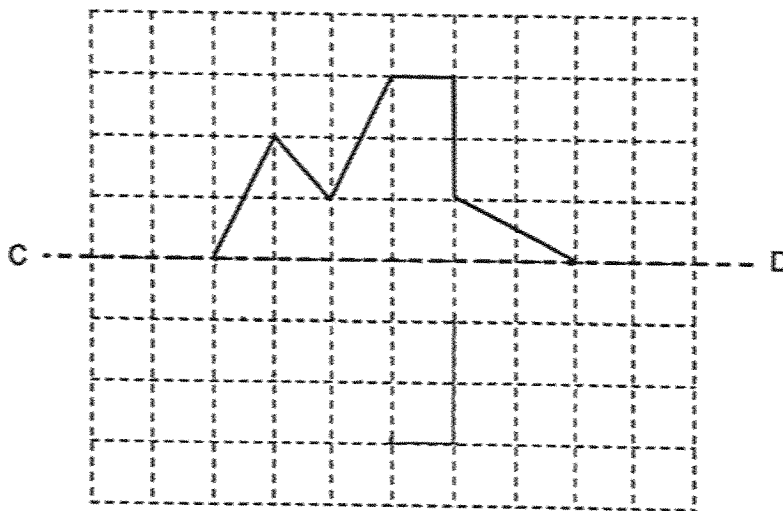


26. (a) There are 10 shaded squares in the figure. Shade 3 more squares to form a symmetric figure with XY as the line of symmetry.

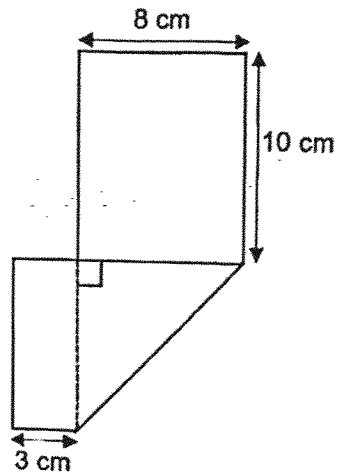
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- (b) Complete the symmetric figure with line CD as the line of symmetry.



27. A rectangular piece of paper is folded as shown. What is the area of the rectangular piece of paper before it is folded?



Ans: _____ cm²

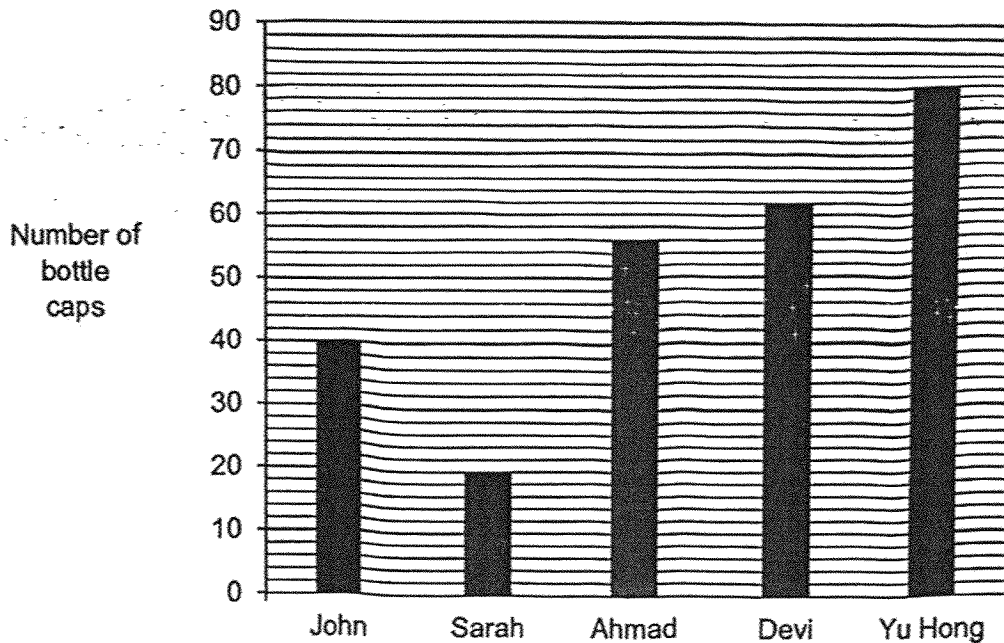
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28. Joseph and Kelvin started running at 11 45. Joseph took 1 h 10 min to complete his run. Kelvin took 30 minutes longer than Joseph. What time did Kelvin complete his run? Give your answer using the 24-hour clock.

Ans: _____

29. The graph below shows the number of bottle caps collected by 5 pupils for a Recycling Project.

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- (a) How many bottle caps did Sarah, Ahmad and Devi collect in total?

Ans: (a) _____

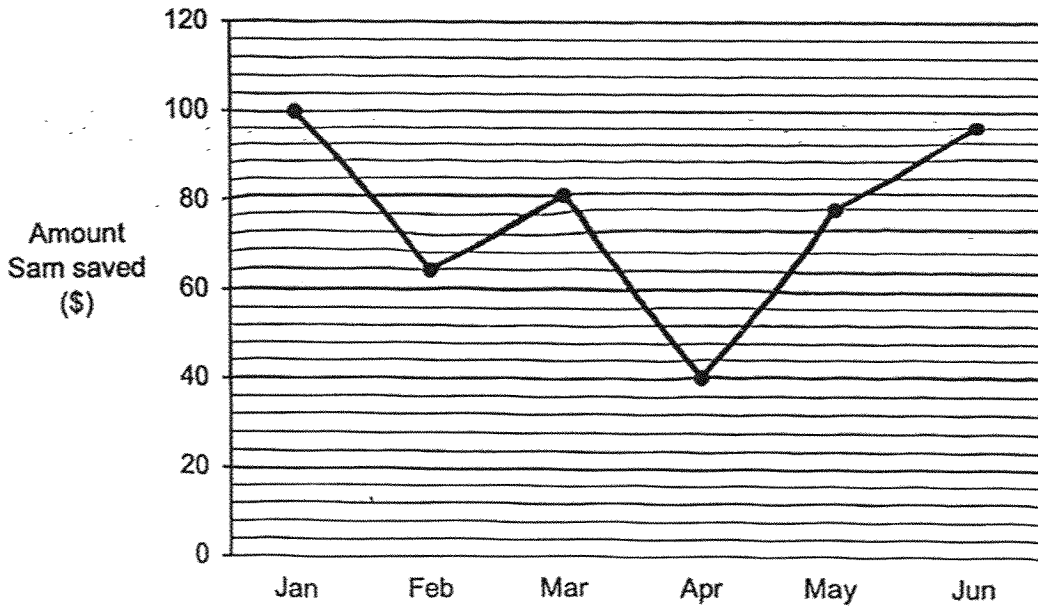
- (b) Who collected twice the number of bottle caps as John?

Ans: (b) _____



30. The line graph shows the amount of money saved by Sam from January to June.

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- (a) How much money did Sam save in February?

Ans: (a) \$ _____

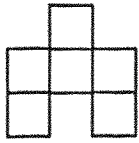
- (b) During which 1-month period was the increase in the amount of money saved by Sam the greatest?

Ans: (b) _____ to _____

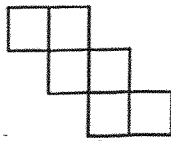


31. Which two of the following figures are not the nets of a cube?

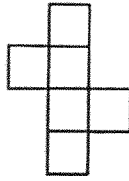
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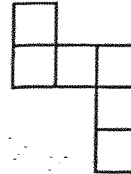
A



B



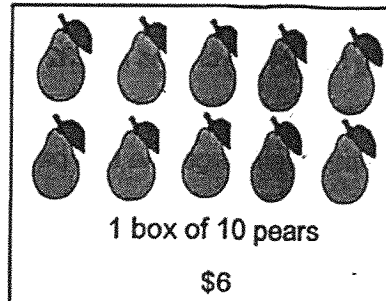
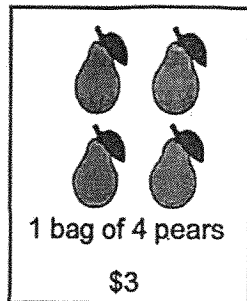
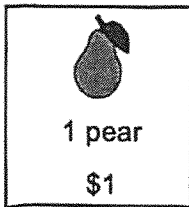
C



D

Ans: _____ and _____

32. Pears are sold at the prices shown below.



Claire wants to buy 16 pears for a class party. What is the least amount of money she needs to pay for the apples?

Ans: \$ _____

33. $\frac{4}{7}$ kg of flour is needed to bake 6 buns. Melvin has 3 kg of flour and he baked 12 buns. How much flour does he have left?

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Ans: _____ kg

34. Elsie has 24 keychains and 32 bookmarks. She packed the keychains and bookmarks equally into gift bags with none left over. What is the greatest number of gift bags she can pack?

Ans: _____

35. Mrs Tan baked some muffins. $\frac{4}{5}$ of the muffins were chocolate and the rest were vanilla. There were 240 more chocolate muffins than vanilla muffins. How many vanilla muffins did Mrs Tan bake?

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Ans: _____



— Last Page of Section B —

SECTION C: Problem Sums (30 marks)

For questions 36 to 43, 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.

36. Ali bought 455 boxes of pens. Each box contained 12 pens.

(a) How many pens did Ali buy altogether?

Ans: (a) _____ [2]

(b) Ali repacked the pens into packets of 8. How many pens were left unpacked?

Ans: (b) _____ [2]

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37. Fatimah and Ben had 828 stamps altogether. After Fatimah gave 68 stamps to Ben, Ben had three times as many stamps as Fatimah.

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(a) How many stamps did Fatimah have in the end?

Ans: (a) _____ [2]

(b) How many stamps did Ben have at first?

Ans: (b) _____ [2]



38. Mr Chan bought a wallet, a belt and a shirt. The wallet cost twice as much as the belt. The shirt cost \$6 less than the belt. He paid \$90.80 in total.

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(a) How much did the belt cost?

Ans: (a) _____ [3]

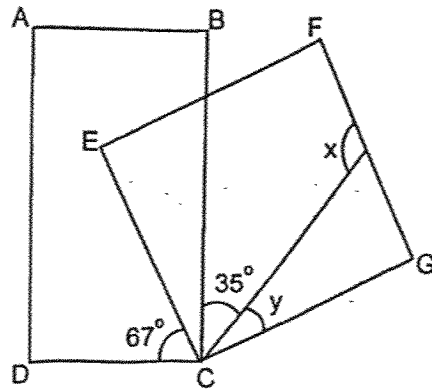
(b) How much did the wallet cost?

Ans: (b) _____ [1]



39. ABCD is a rectangle and EFGC is a square.

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- (a) Circle the correct answer.

$\angle x$ is a/an (acute / obtuse / right) angle. [1]

- (b) Find $\angle y$.

Ans: (b) _____ [2]



40. Samantha started doing her homework at 15 35. She took 1 h 5 min to complete her homework. After that, she swam till 18 10.

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(a) How long did she swim? Give your answer in hours and minutes.

Ans: (a) _____ [2]

(b) Ken started doing his homework 50 minutes before Samantha started doing her homework. He took 1 h 25 min to complete. What time did he finish his homework? Give your answer using the 12-hour clock.

Ans: (b) _____ [2]

41. Lisa spent $\frac{4}{7}$ of her money on a mobile phone and \$65 on a set of earphones. She had \$190 left in the end. How much did the mobile phone cost?

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Ans: _____ [3]

42. Cheryl had \$1253 and Fiona had \$845. After each of them bought a bag at the same price, Cheryl had 5 times as much money as Fiona.

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(a) How much more money does Cheryl has than Fiona at first?

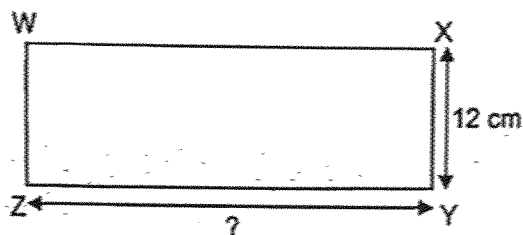
Ans: (a) _____ [1]

(b) What was the cost of the bag?

Ans: (b) _____ [3]

43. A piece of wire has a length of 116 cm. It is bent to form rectangle WXYZ. XY has a length of 12 cm.

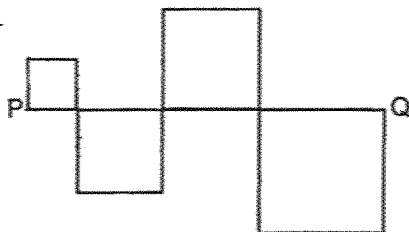
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- (a) Find the length of ZY.

Ans: (a) _____ [2]

The same piece of wire is straightened and used to bent into 4 squares of different sizes as shown in the figure. PQ is straight line.



- (b) Find the length of PQ.

Ans: (b) _____ [2]

— END OF PAPER —

SCHOOL : HENRY PARK PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : 2025 END OF YEAR EXAMINATION

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

Q11 39 500

Q12 1 546

Q13 15 840

Q14 8

Q15 20

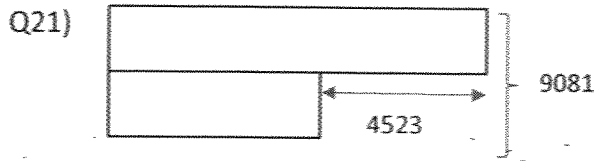
Q16 $\frac{2}{3} + \frac{2}{9} = \frac{8}{9}$

Q17 0.48

Q18 50.96

Q19 138°

Q20) $18\text{cm} + 18\text{cm} + 8\text{cm} + 8\text{cm} + 8\text{cm} = 60\text{cm}$



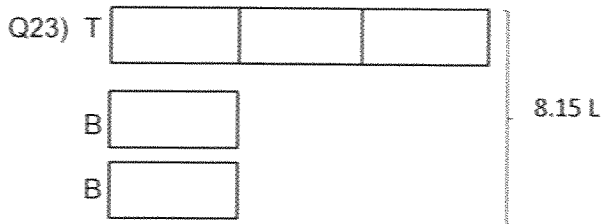
$$9081 - 4523 = 4558$$

$$4558 \div 2 = 2279$$

Ans:2279

Q22a) $\frac{1}{4}$

Q22b) $41 - 23 = 18$

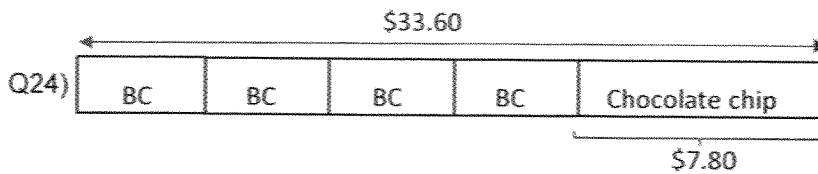


$$5u = 8.15$$

$$1u = 8.15 \div 5$$

$$= 1.63$$

Ans: 1.63 L



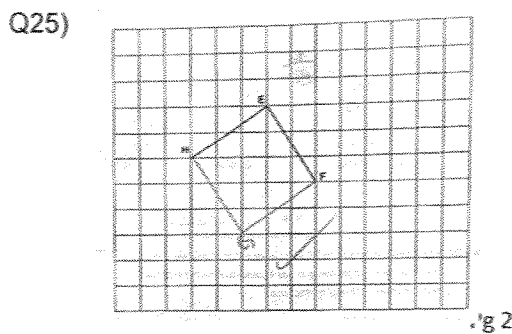
$$4u = 33.60 - 7.80$$

$$= 25.80$$

$$1u = 25.80 \div 4$$

$$= 6.45$$

Ans: \$6.45



Q32 1 box of 10 pears = \$6
 1 box of 4 pears = \$3
 $16 - 10 - 4 = 2$ (extra pears)
 $2 \times \$1 = \2
 $6 + 3 + 2 = 11$

Ans: \$11

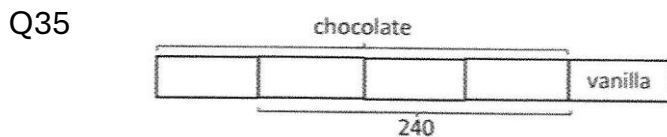
Q33 $\frac{4}{7}$ kg = 6 buns
 $12 \text{ buns} = \frac{4}{7} \times 2$
 $= \frac{8}{7}$
 $= 1\frac{1}{7}$
 $3 - 1\frac{1}{7} = 2\frac{7}{7} - 1\frac{1}{7}$
 $= 1\frac{6}{7}$

Ans: $1\frac{6}{7}$ kg

Q34 **32** **24**
 1×32 1×24
 2×16 2×12
 4×8 3×8
 4×6

Find highest common multiple of 32 and 24

Ans: 8 gift bags



$3 \text{ u} = 240$
 $1 \text{ u} = 240 \div 3$
 $= 80$

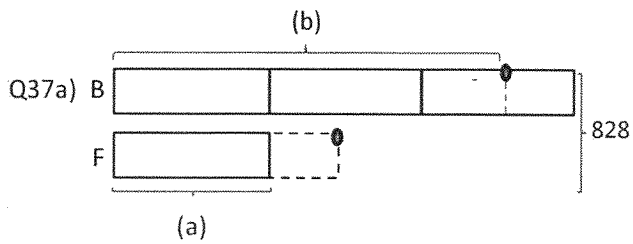
Ans: 80 vanilla muffins

Q36a $455 \times 12 = 5460$

Ans: 5460 pens

Q36b $5460 \div 8 = 682 \text{ R } 4$

Ans: 4 pens



$$4 u = 828$$

$$1 u = 828 \div 4$$

$$= 207$$

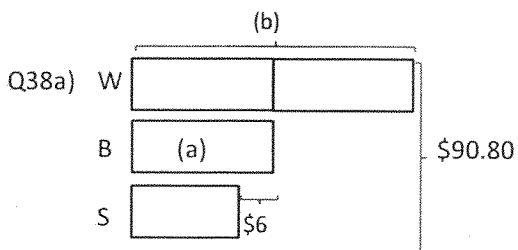
Ans (a) : 207 stamps

b) $3 u = 207 \times 3$

$$= 621$$

$$621 - 68 = 553$$

Ans (b) : 553 stamps



(a) $4 u = 90.80 + 6.00$

$$= 96.80$$

$$1 u = 96.80 \div 4$$

$$= 24.20$$

Ans (a) : \$24.20

(b) $2 u = 24.20 \times 2$

$$= 48.40$$

Ans (b) : \$48.40

Q39a) obtuse

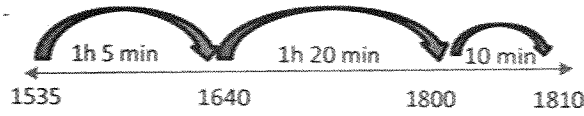
b) $90^\circ - 67^\circ = 23^\circ$

$$23^\circ + 35^\circ = 58^\circ$$

$$90^\circ - 58^\circ = 32^\circ$$

Ans (b) : 32°

Q40a)



$$1\text{h } 20\text{ min} + 10\text{ min} = 1\text{h } 30\text{ min}$$

Ans : 1h 30 min

$$\begin{aligned} \text{(b) } 15\text{h } 35\text{min} - 50\text{min} &= 14\text{h } 45\text{min} \\ 14\text{h } 45\text{min} + 1\text{h } 25\text{min} &= 15\text{h } 70\text{ min} \\ &= 16\text{h } 10\text{min} \end{aligned}$$

$$1610 = 4.10\text{pm}$$

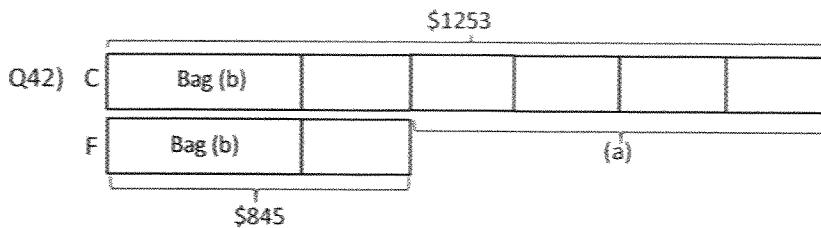
Ans (b) : 4.10pm



Q41)

$$\begin{aligned} 3u &= 65 + 190 \\ &= 255 \\ 1u &= 255 \div 3 \\ &= 85 \\ 3u &= 85 \times 4 \\ &= 340 \end{aligned}$$

Ans : \$340



Q42) C

$$\begin{aligned} \text{(a) } 4u &= 1253 - 845 \\ &= 408 \end{aligned}$$

Ans (a): \$408

$$\begin{aligned} \text{(b) } 1u &= 408 \div 4 \\ &= 102 \\ 845 - 102 &= 743 \end{aligned}$$

Ans (b) : \$743

$$\begin{aligned} \text{Q43a) } 12 \times 2 &= 24 \\ 2L &= 116 - 24 \\ &= 94 \\ 1L &= 94 \div 2 \\ &= 46 \end{aligned}$$

Ans (a) : 46 cm

$$\text{(b) } 116 \div 4 = 29$$

Ans (b) : 29 cm

