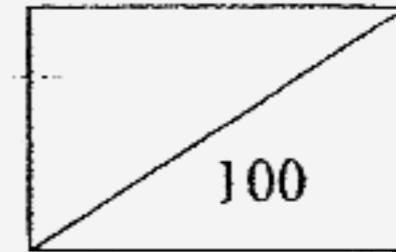


HENRY PARK PRIMARY SCHOOL
END OF YEAR EXAMINATION 2007
MATHEMATICS
PRIMARY 4



NAME: _____ ()

DATE: _____

CLASS: Pri 4 _____

DURATION: 1 h 45 min

Section A : (15 x 2 marks = 30 marks)

Read each question carefully. For each question, there are 4 options given. Choose the correct answer and write the number in the brackets provided.

1. In 3 416, the digit 4 is in the _____ place.

- (1) ones
- (2) tens
- (3) hundreds
- (4) thousands

()

2. Express $3\frac{2}{5}$ as an improper fraction.

- (1) $\frac{6}{5}$
- (2) $\frac{11}{5}$
- (3) $\frac{17}{5}$
- (4) $\frac{32}{5}$

()

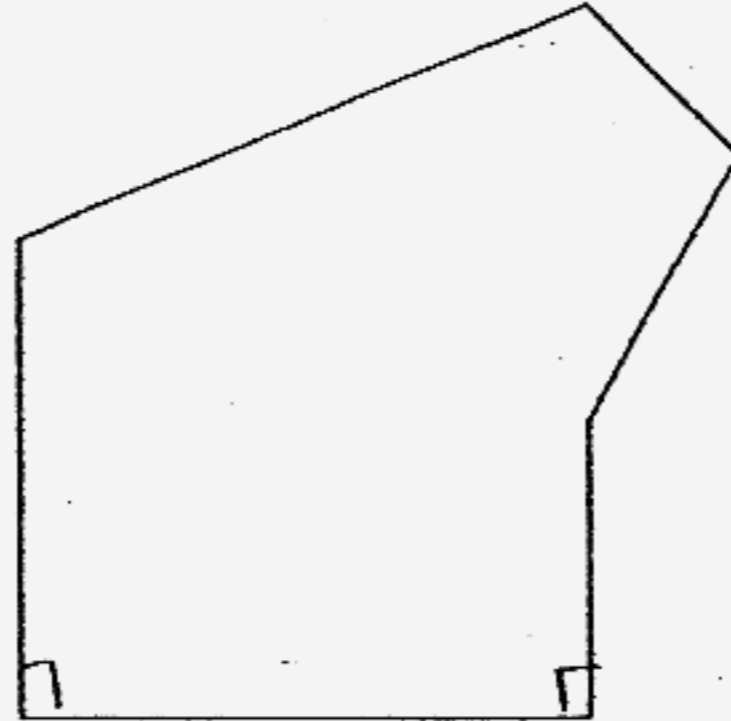
3. Continue with the number pattern:

0.004, 1.012, 2.02, _____

- (1) 3.004
- (2) 3.010
- (3) 3.012
- (4) 3.028

()

4. How many right angles are there in this figure?



- (1) 1
- (2) 2
- (3) 3
- (4) 4

()

5. If the time now is 8.40 p.m., what was the time 45 minutes earlier?

- (1) 7.05 p.m.
- (2) 7.55 p.m.
- (3) 8.05 p.m.
- (4) 9.25 p.m.

()

6. What is the sum of the third and fourth multiples of 6?

- (1) 13
- (2) 18
- (3) 24
- (4) 42

()

7. What is the product of 27 and 31?

- (1) 108
- (2) 637
- (3) 648
- (4) 837

()

8. Which one of the following has the smallest value?

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

(2) $\frac{1}{3} + \frac{1}{4}$

(3) $\frac{1}{5} + \frac{1}{4}$

(4) $\frac{1}{5} + \frac{1}{6}$

()

9. Multiply 246 by 4 tenths.

- (1) 0.984
- (2) 9.84
- (3) 98.4
- (4) 984

()

10. Which one of the following when rounded off to the nearest 1 decimal place is 50.0?

- (1) 49.949
- (2) 50.049
- (3) 50.065
- (4) 50.404

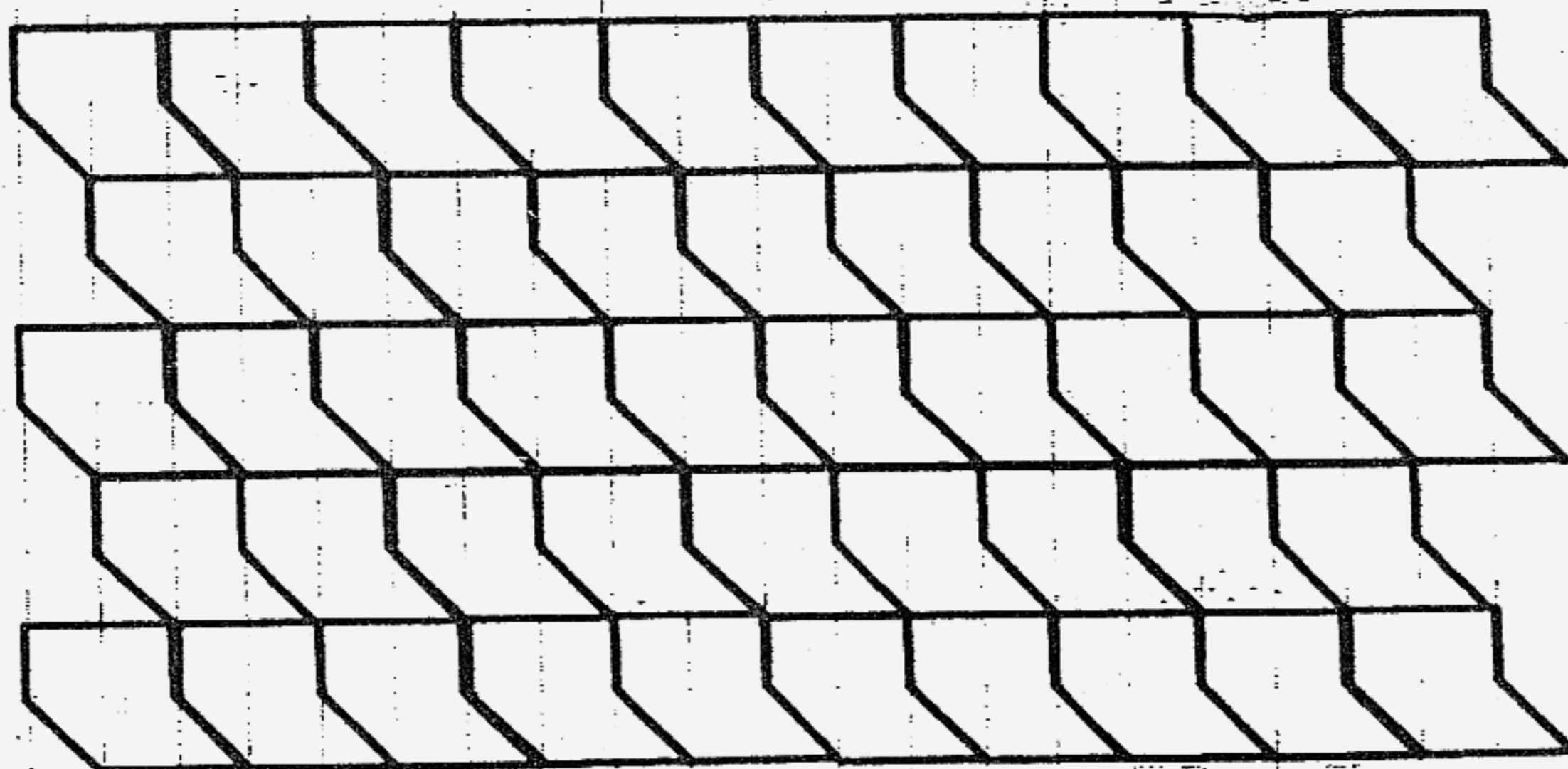
()

11. How many right angles are there in $1\frac{3}{4}$ turns?

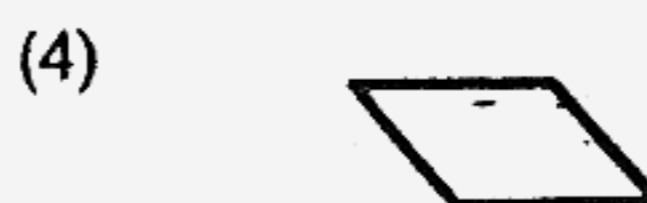
- (1) 3
- (2) 5
- (3) 6
- (4) 7

()

12. The pattern in the box below shows part of a tessellation.



Which of the following is the unit shape used in the tessellation above?



()

13. The perimeter of rectangle is 64 cm. Its breadth is 8 cm. Find the length of one side of the rectangle.

- (1) 8 cm
- (2) 24 cm
- (3) 48 cm
- (4) 56 cm

()

14. Mrs Gan bought some boxes of chocolates to give her 20 students. She wanted to give each student a bar of chocolate. Each box contained 8 bars of chocolate. What fraction of the bars of chocolate bought was left in the end if Mrs Gan bought the minimum number of boxes of chocolates?

- (1) $\frac{1}{6}$
- (2) $\frac{1}{5}$
- (3) $\frac{2}{5}$
- (4) $\frac{3}{5}$

()

15. For every 3 pens that John buys, he gets one pen free. If each pen costs \$1.05, how much should John pay to get 20 pens?

- (1) \$5.25
- (2) \$15.75
- (3) \$18.90
- (4) \$21.00

()

HENRY PARK PRIMARY SCHOOL
END OF YEAR EXAMINATION 2007
MATHEMATICS
PRIMARY 4

NAME: _____ ()

CLASS: Pri 4 _____

DURATION: 1 h 45 min

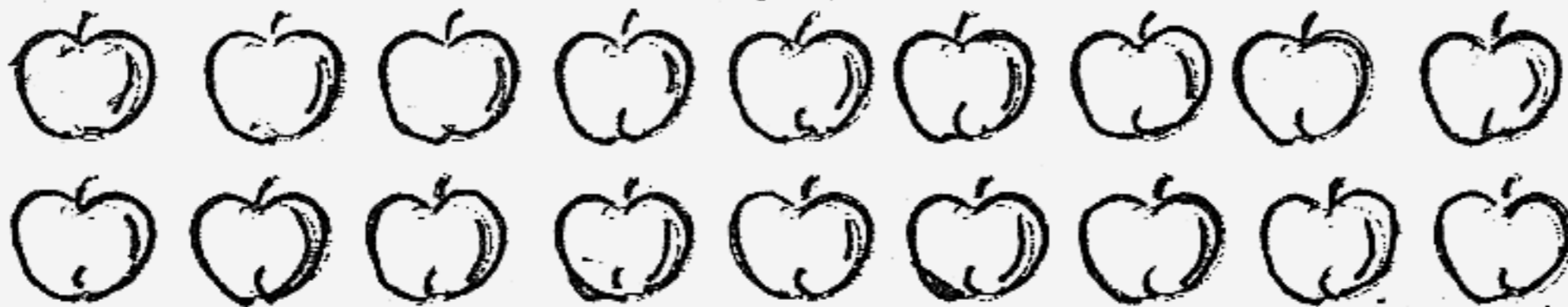
Section B : (20 x 2 marks = 40 marks)

Read the questions carefully and write the correct answer in the boxes provided. Show all workings clearly.

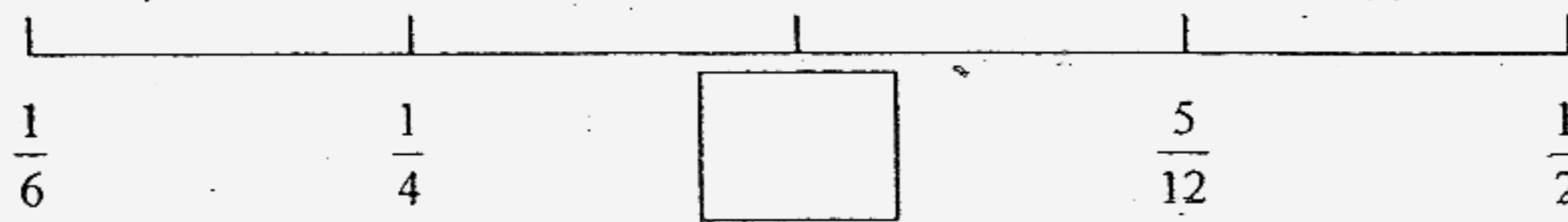
16. Write 15 020 in words.

17. Divide 1 386 by 7.

18. $\frac{1}{6}$ of these apples are red. If the rest are green, how many apples are green?



19. What is the fraction in the box? (Express your answer in the simplest form.)



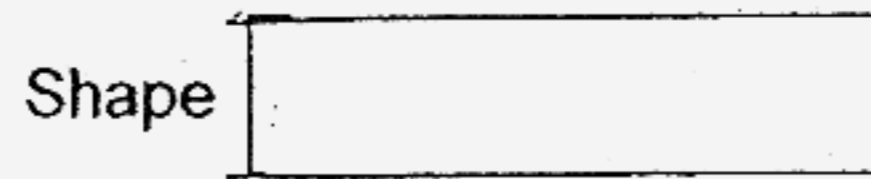
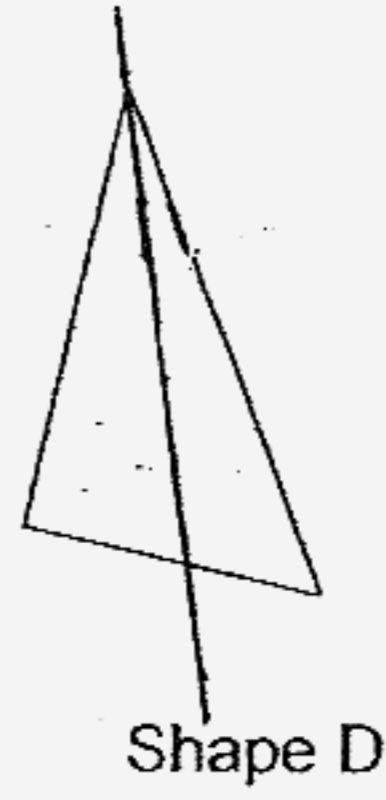
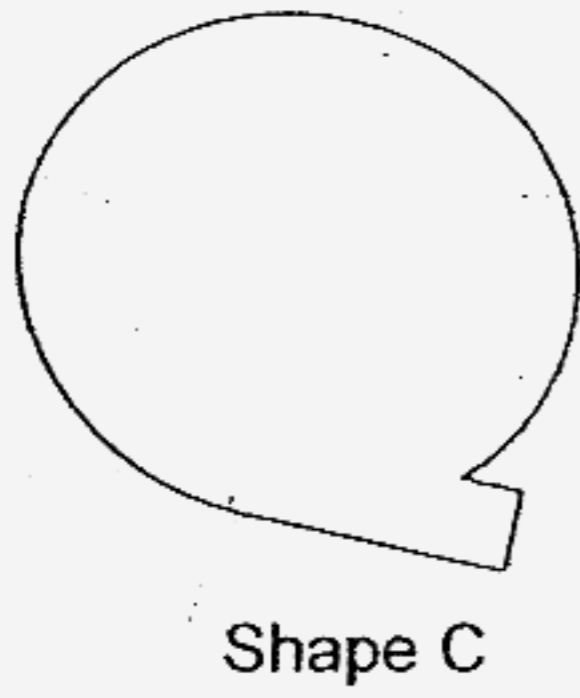
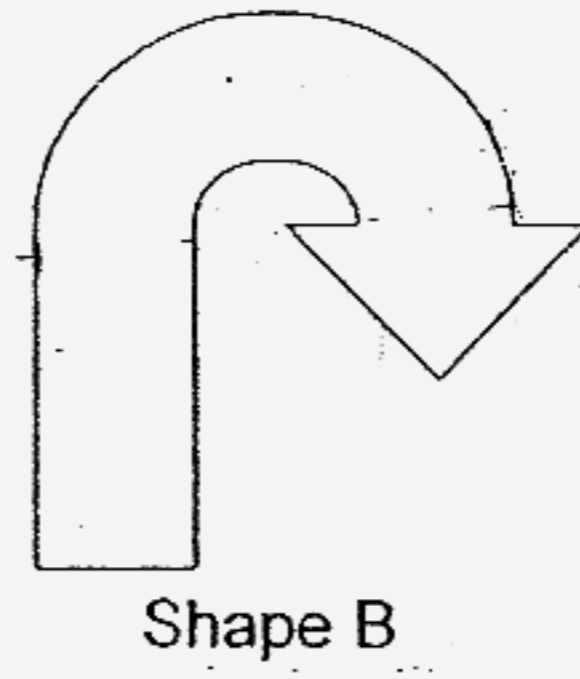
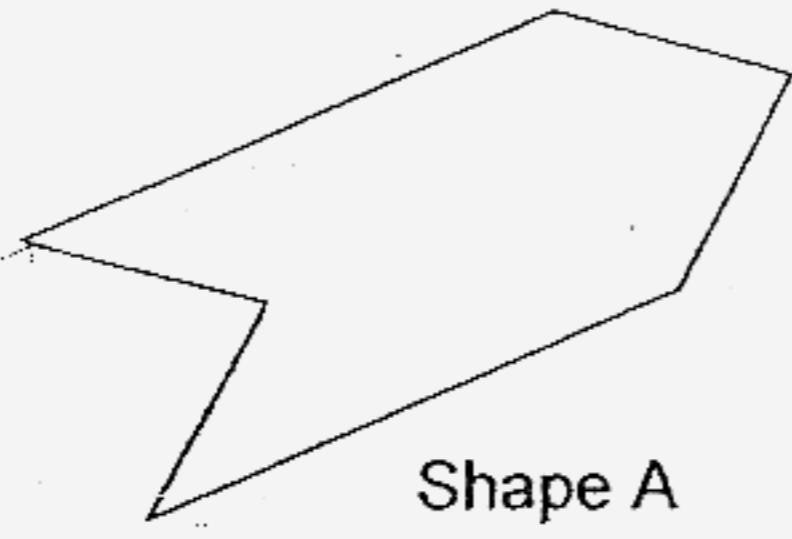
The table below shows the number of chicken burgers that 5 hawkers sold over 2 days. Study it carefully and answer questions 20 and 21.

Hawker	Day 1	Day 2
Amy	52	21
Ben	33	46
Carol	62	53
Danny	50	56
Esther	64	49

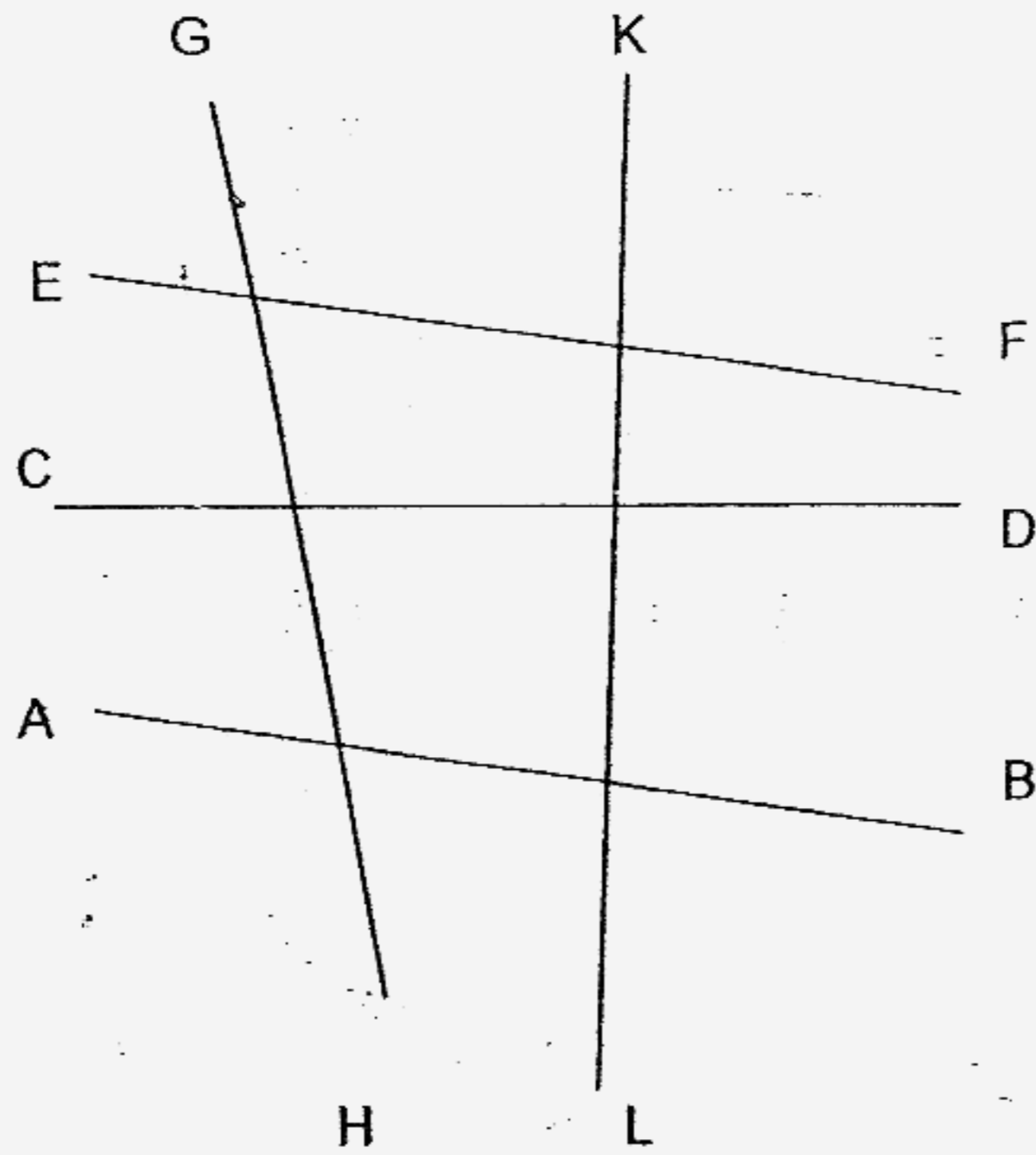
20. Who sold the lowest number of chicken burgers over the two days?

21. What is the total number of chicken burgers sold for the 2 days?

22. Which of the following shapes has a line of symmetry ?



23. Look at the diagram below and name a pair of parallel lines.



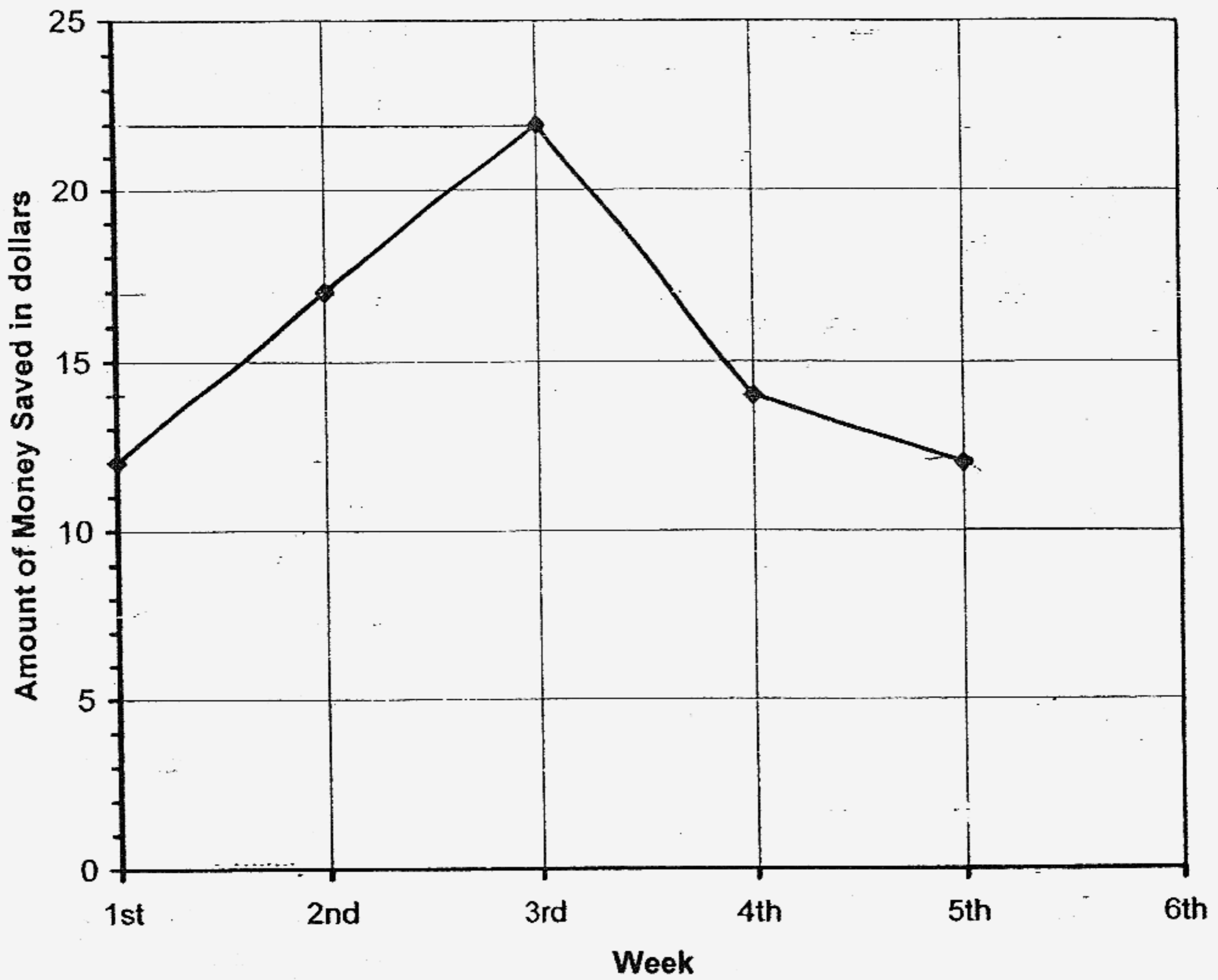
24. The perimeter of a rectangle is 58 cm. Its breadth is 5 cm. Find its area.

25. 24 ten-cent coins and _____ twenty-cent coins make up \$5.

26. What is the sum of the common factors of 4 and 12?

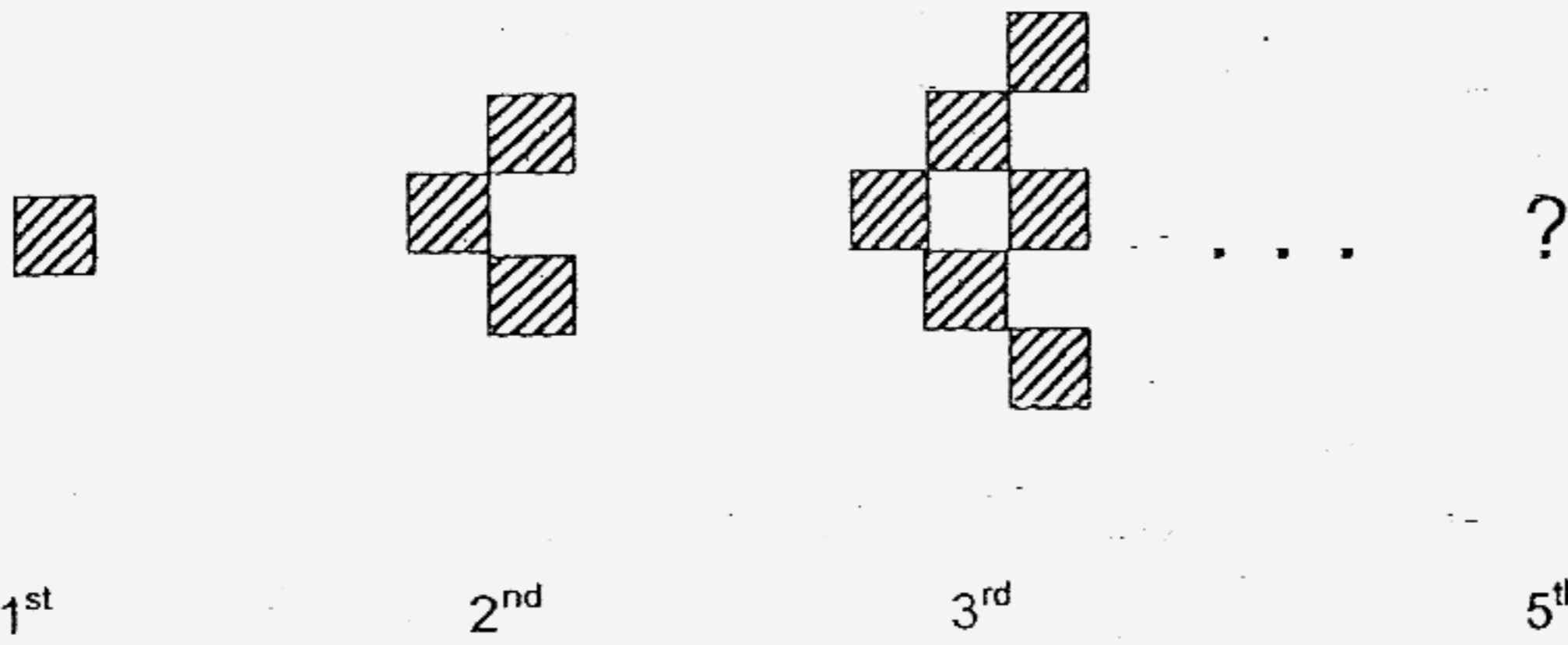
27. Jimmy bought 3 pens and a pencil for \$6.00. The pencil cost $\frac{1}{3}$ of a pen.
Find the cost of the pencil.

The graph below shows the amount of money Taufiq saved over 5 weeks. Study it carefully and answer question 28.

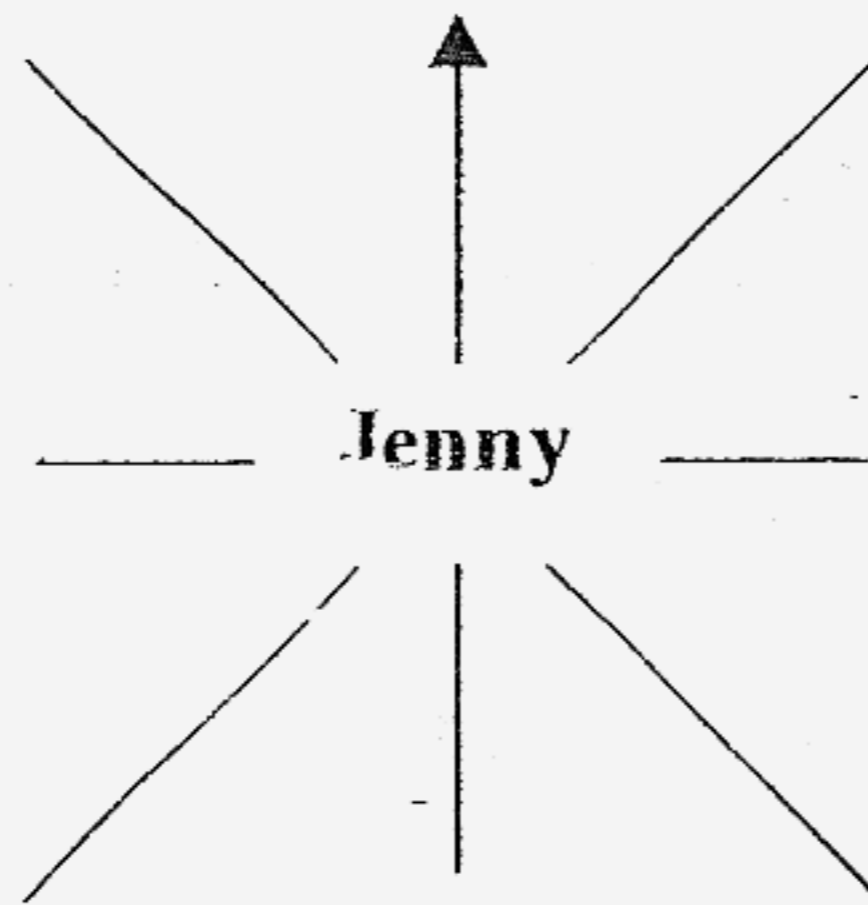


28. How much does he have to save by the end of the sixth week so that he will have \$84?

29. Study the figures below. How many shaded squares are required for the 5th pattern?



30. Jenny is standing in the middle of the field and she is facing south-east. If she turns 180° where would she be facing?



31. A 4-digit number is made up of digits from 0 to 9. Each digit can be used only once. What is the smallest possible odd number that can be created?

32. $\frac{4}{7}$ of the books in the box are Archie comics while the rest are Spiderman comics. There are 5 less Spiderman comics than Archie comics books. Find the number of Archie comics.

33. Mrs Tan bought 5 kg of mangoes at \$3.99 per kg. How much did she spend altogether? Round off your answer to the nearest dollar.

34. Adrian and Henry took part in a marathon. Adrian's time was 4 hr 18 min 6 sec. Henry came in 7 seconds earlier than Adrian. What was Henry's time?

35. Ronald bought a computer for \$3 015. He paid \$1 287 at first, and paid the rest in equal amounts for 6 months. How much money did he pay each month?

Section C : (30 marks.)

Read the following problem sums carefully. You may draw models to help you. Show all workings clearly in the spaces provided.

36. Tim's fish tank was $\frac{1}{4}$ full. He added $\frac{2}{7}$ of water to the tank and found that it was then $\frac{1}{3}$ full. How much water can the tank hold if it is filled to the brim with water? (3 marks)

37. Sam had a total of 110 durians and mangoes. He threw away $\frac{1}{3}$ of his durians and gave 20 mangoes away. He then found that he had an equal number of durians and mangoes left. How many durians did he have at first? (3 marks)

38. Tim baked 427 muffins and packed them equally into 8 boxes.
- a) How many muffins would be left unpacked? (2 marks)
 - b) He gives away 3 packets of chocolate chip cookies for every 2 boxes of muffins sold. How many packets of chocolate chip cookies will he give away if he sells all his boxes of muffins? (2 marks)

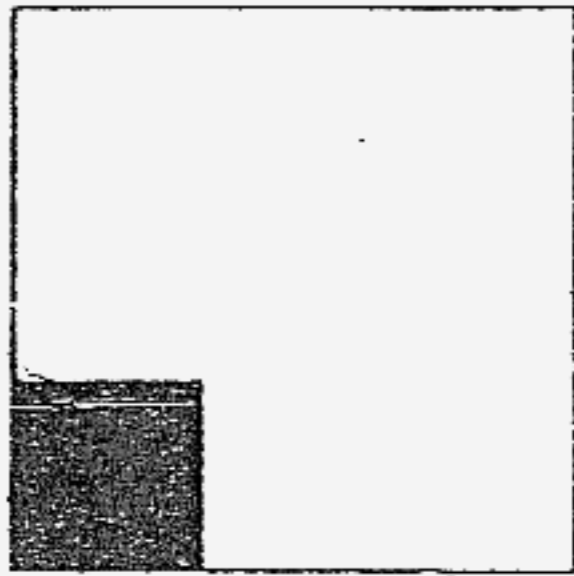
39. Mary bought 4 magazines and a dictionary for \$64. The total cost of the magazines is twice as much as the cost of the dictionary.
- a) How much does each magazine cost? (2 marks)
 - b) How much does one dictionary and one magazine cost altogether? (2 marks)

40. A tour bus drove from Town A to Town C. The bus started at 9.45 am. 4 hours and 15 mins later, the bus stopped at Town B for half an hour. The tour bus took another 4 hours 45 mins to reach Town C. When did the tour bus reach Town C? (4 marks)

41. Zoe had 5.1 kg of cherries more than Jennifer. When Zoe kept 0.24 kg of cherries for her relatives, she still had 3 times as much as Jennifer. How many kilograms of cherries did Zoe have at first? (4 marks)

42. Mrs Chin bought 5 more erasers than pencils. Each eraser cost \$0.40 and each pencil cost \$1.10. How many erasers did she buy if she paid \$8 altogether? (4 marks)

43. The figure shows two squares. The area of the unshaded part of the figure is 32 cm^2 . The length of the shaded square is a whole number which is less than 7 cm. Find the perimeter of the unshaded part. (4 marks)



HAVE YOU CHECKED YOUR WORK?

Setters: Mr. Francis Chia, Ms. E. Chua, Mr Saifullizan Almashor

**Henry Park Primary School
Primary 4 SA2 Maths Exam (2007)**

Answer Keys

- 1) 3 2) 3 3) 4 4) 2 5) 2
6) 4 7) 4 8) 4 9) 3 10) 2
11) 4 12) 2 13) 2 14) 1 15) 2
17) 198 18) 15 19) $\frac{1}{3}$ 20) Amy

16. Fifteen thousand and twenty

21. 486

22. A

23. EF and AB

24. 120cm^2

25. 13

26. 7

27. \$0.60

28. \$7

29. 15

30. North-west

31. 1023

32a. 20

33. \$20

34. 4hrs 17mins 59sec

35. \$288

36. $\frac{1}{4} = \frac{3}{12}$

$$\frac{1}{3} = \frac{4}{12}$$

1 unit = 2ℓ

Amount of water in the tank can hold $2\ell \times 12 = 24\ell$

37. 5 units = $110 - 20 = 90$

1 unit = $90 \div 5 = 18$

No. of durians he had at first = $18 \times 3 = 54$

38a. Muffins in 1 box = $427 \div 8 = 53$
Muffins left unpacked = 3

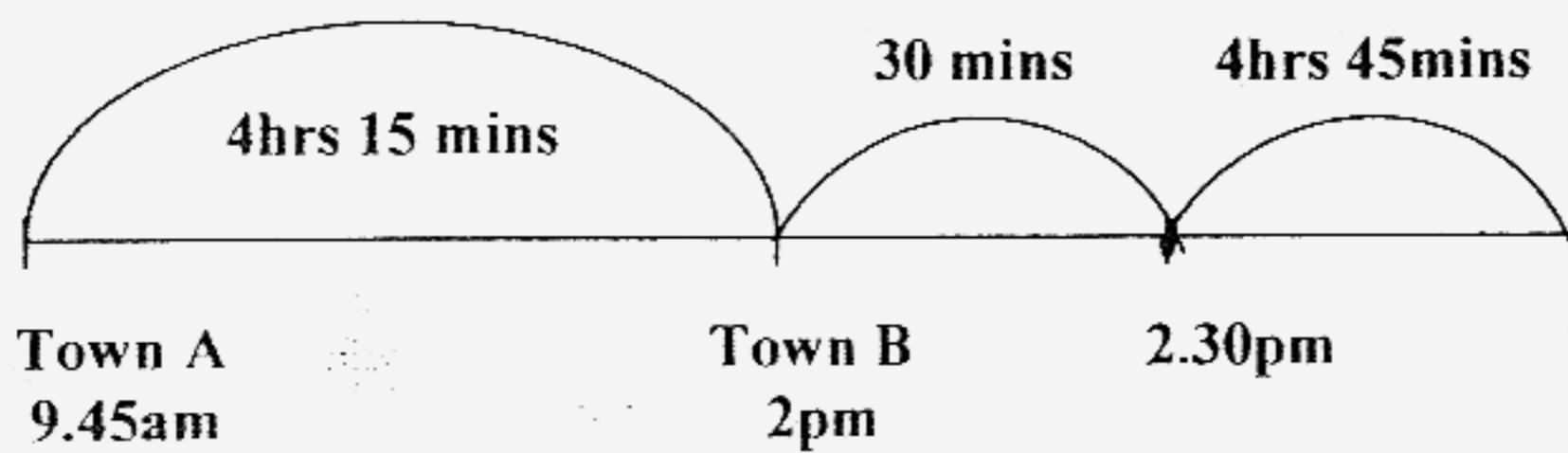
38b. $8 \div 2 = 4$
Packets of chocolate chip cookies he away will give = $4 \times 3 = 12$

39a. Cost of 1 magazine = $\$84 \div 6 = \14

39b. Cost of 1 dictionary = $\$14 \times 2 = \28

Total cost of 1 dictionary and one magazine = $\$(28 + 14) = \42

40.



Time the tour bus reach Town B = 4hrs 15 mins (9.45am) = 2pm

Time the tour bus reach Town C = 4hrs 4mins after 2.30pm = 7.15pm

41. $5.1\text{kg} - 0.24\text{kg} = 4.86\text{kg}$

1 unit = $4.85\text{kg} \div 2 = 2.43\text{kg}$

3 units = $2.43\text{kg} \times 3 = 7.29\text{kg}$

Kilograms of cherries Zoe have at first = $7.29\text{kg} + 0.24\text{kg} = 7.53\text{kg}$

42. She bought 9 erasers.

43. 24cm