Test: Primary 4 Maths (Term 2) - School NY

Points: 98 points

Name: _____   **Score:** _____

Date: _____

Signature: _____

Select multiple choice answers with a cross or tick:

◯ Only select one answer

☐ Can select multiple answers

Question 1 of 55   Primary 4 Math (Term 2)   2 pts

Each question carries 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (A, B, C or D) and choose your correct answer.

In 17 625, what does the digit 6 stands for?

◯ **A)** 6
◯ **B)** 60
◯ **C)** 600
◯ **D)** 6000

Question 2 of 55   Primary 4 Math (Term 2)   2 pts

Which one of the following is 12 814 in words?

◯ **A)** Twelve thousand, eight hundred and forty
◯ **B)** Twelve thousand, eight hundred and fourteen
◯ **C)** Twelve thousand, eighty-one hundred and four
◯ **D)** Twelve thousand, eight hundred and forty-one

Arrange the following numbers from the greatest to the smallest.

51 701 , 50 800 , 55 090 , 50 648

A) 55 090, 51 701, 50 800, 50 648
B) 50 648, 50 800, 51 701, 55 090
C) 55 090, 50 800, 51 701, 50 648
D) 50 648, 51 701, 50 800, 55 090

A number, when rounded to the nearest hundred, is 6000. Which one of the following is the number?

A) 5648
B) 5953
C) 6097
D) 6532

Which one of the following is **not** a factor of 63?

A) 9
B) 7
C) 3
D) 6

Which one of the following is an equivalent fraction of 3/8?

A) 11/16
B) 11/24
C) 9/32
D) 24/64

Arrange the following fractions from the smallest to the greatest.

$$\frac{3}{4} \ , \ \frac{5}{12} \ , \ \frac{1}{2}$$

A)

$$\frac{1}{2} \ , \ \frac{3}{4} \ , \ \frac{5}{12}$$

B)

$$\frac{3}{4} \ , \ \frac{1}{2} \ , \ \frac{5}{12}$$

C)

$$\frac{5}{12} \ , \ \frac{1}{2} \ , \ \frac{3}{4}$$

D)

$$\frac{5}{12} \ , \ \frac{3}{4} \ , \ \frac{1}{2}$$

What is the mixed number that is exactly halfway between $\frac{8}{7}$ and $\frac{12}{7}$?

A) 7/10

B) 1 3/7

C) 1 5/7

D) 10 1/7

The figure below is made up of 28 identical hexagons. How many **more** hexagons must be shaded so that 4/7 of the figure is shaded?
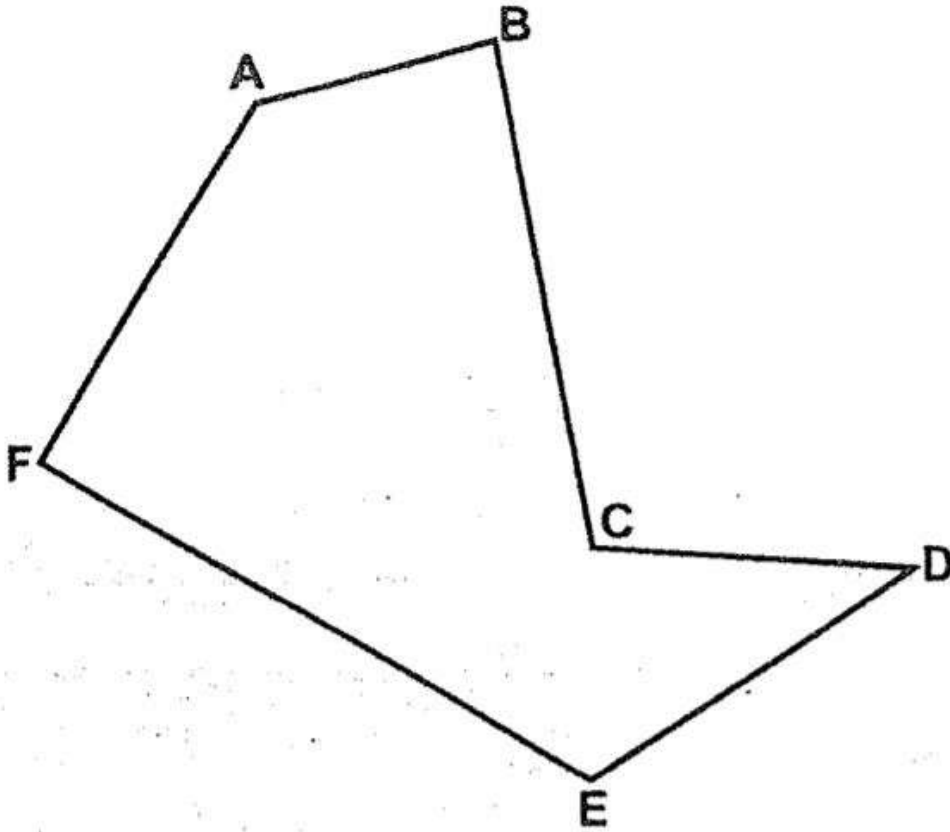

A) 7

B) 9

C) 3

D) 16
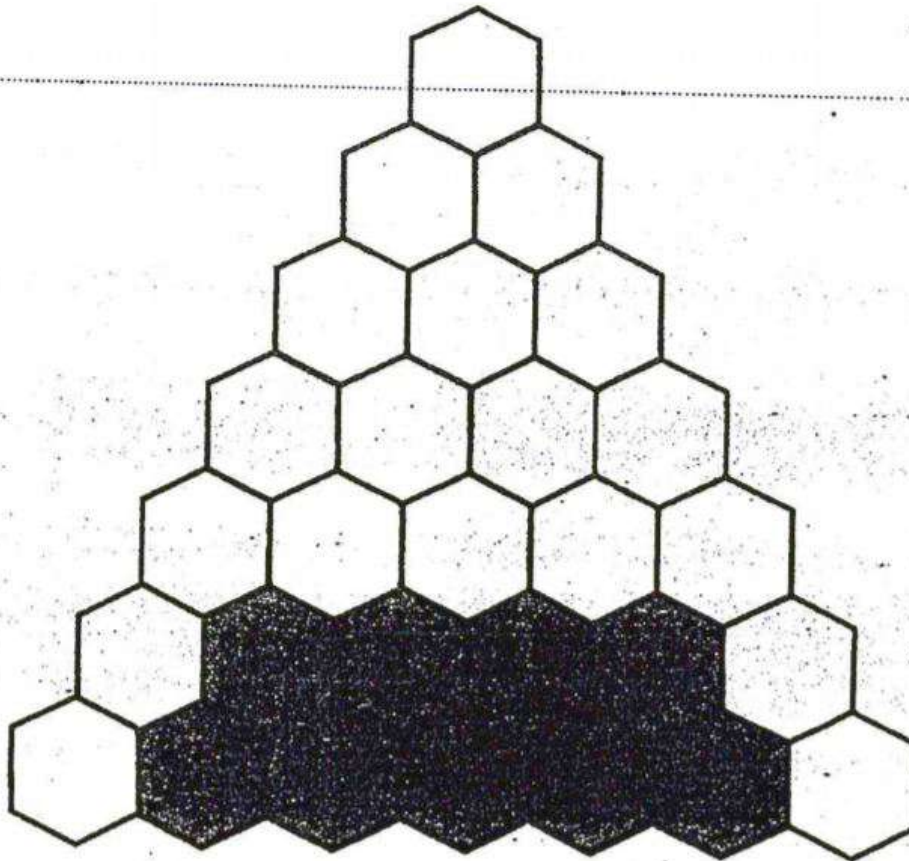
In the figure below, which angle is a right angle?

○ **A)** Angle ABC
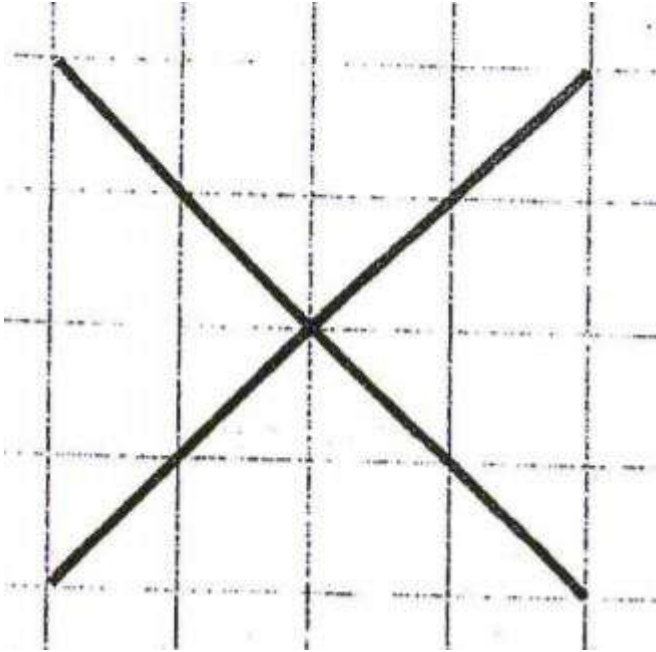○ **B)** Angle AFE
○ **C)** Angle CDE
○ **D)** Angle DEF

A number when divided by 8 gives a quotient of 832 with no remainder.
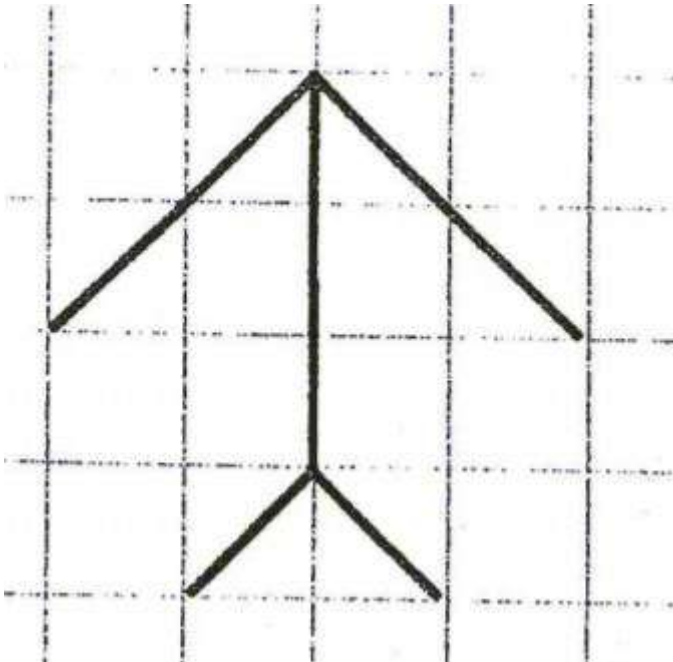What is the number?

○ **A)** 104
○ **B)** 140
○ **C)** 6446
○ **D)** 6656

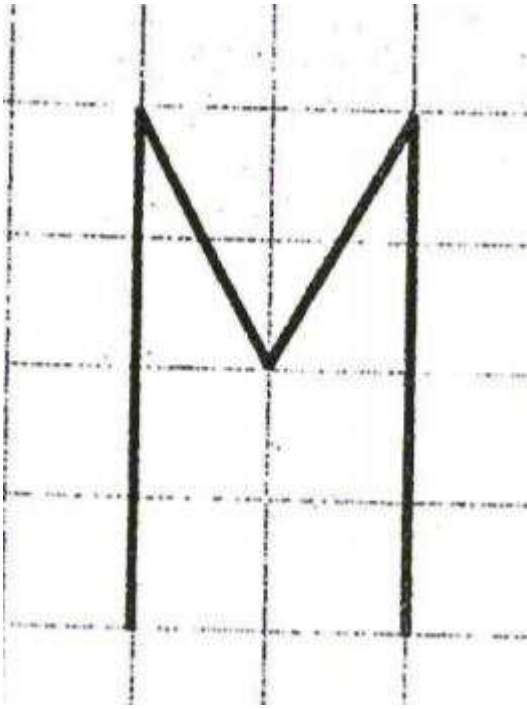Which one of the following figures in the square grid below has both parallel lines and perpendicular lines?
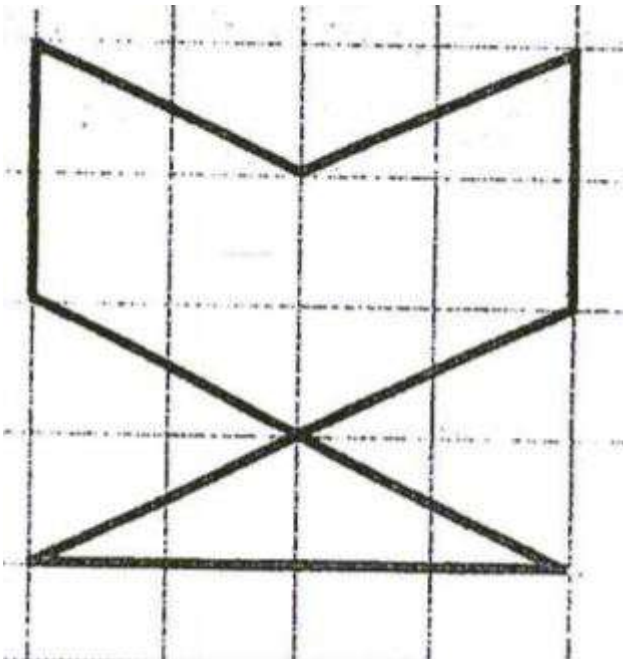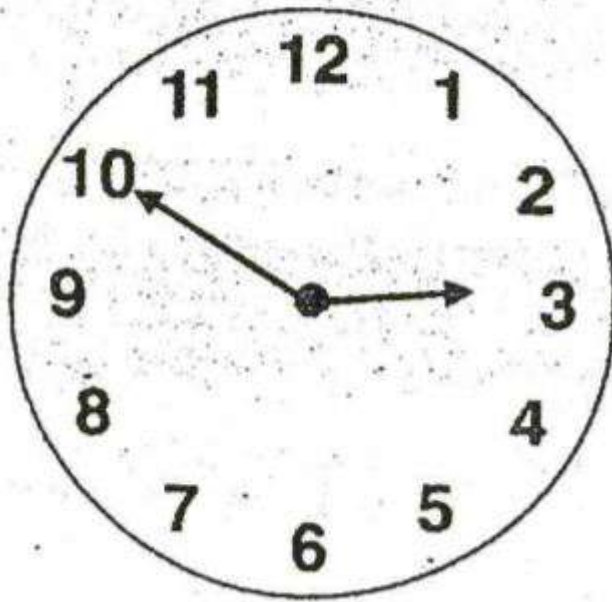
○ **A)**

○ **B)**

○ **C)**

○ D)

The clock below shows 2.50 pm now. The minute-hand makes a half-turn clockwise. What time will it be after the turn?

A)   2.20 pm
B)   3.20 pm
C)   3.30 pm
D)   3.50 pm

Using all the digits given below, form the greatest 5 - digit odd number.

5 , 8 , 0 , 2 , 1

A)   85 210
B)   85 201
C)   81 025
D)   10 285

Peter, John, Muthu and Albert speak a different foreign language, French, German, Japanese and Spanish, from each other. Each boy can only speak 1 foreign language. John speaks Spanish only. Peter does not speak German or French. Muthu speaks German only. Which foreign language does Albert speak?

A) French

B) German

C) Japanese

D) Spanish

Each question carries 2 marks. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Write down **all** the common factors of 16 and 28.

Ans: ____ , _____ , _____

Choose the number which is a multiple of 8.

4   6   18   56   60

In the space below, draw Angle XYZ = 80° and line YZ = 5 cm.
Mark and label Angle XYZ.
The line XY has been drawn for you.
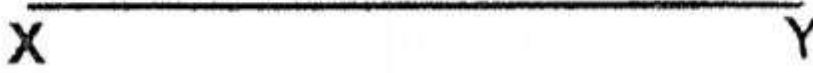
X ——————————————————— Y

This question is designed for extended answers that parent/ teacher will have to assign and guide child to attempt after the test has been completed.

Grading: This question type is not graded on this system and will not affect the final score as it was designed in such a way that it requires manual assistance.
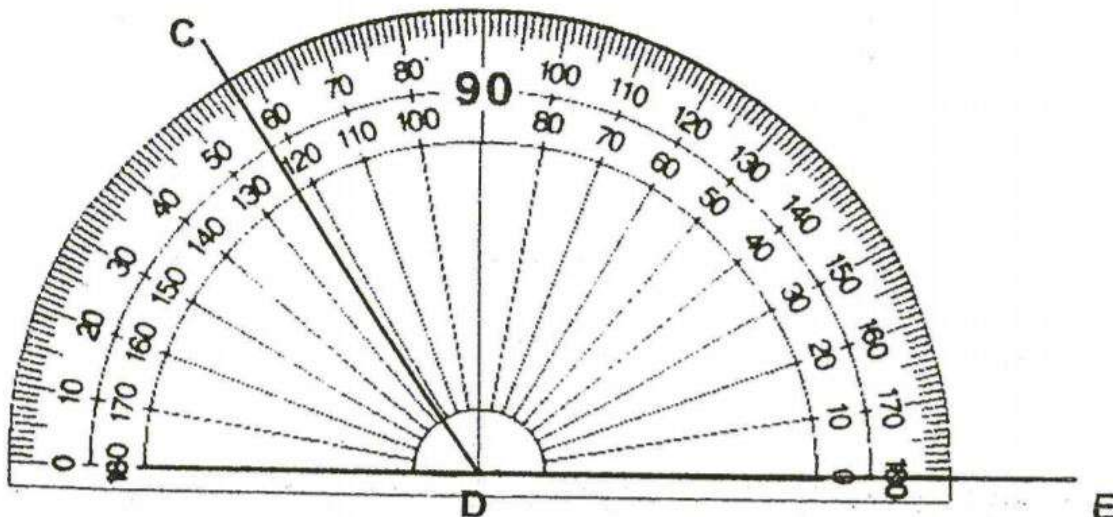
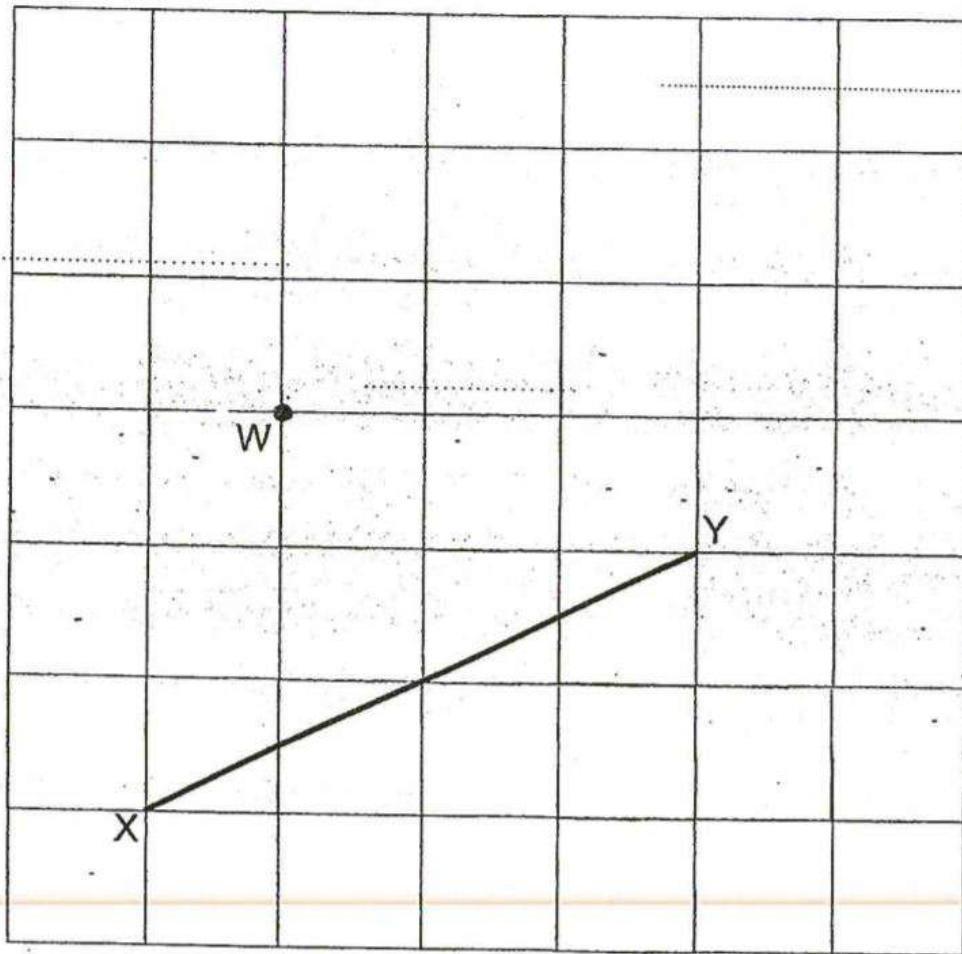**Please put "Done" in the question space below in order to proceed to the next question**

What is the size of ∠CDE?

The figure shows a straight line XY and a point W.
Draw a line perpendicular to line XY through point W.

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Please put "Done" in the question space below inorder to proceed to the next question

The square grid below shows the seating arrangement of students in a classroom.

Sophia (girl)	Kenny (boy)	Jia-En (girl)	Ravi (boy)
Max (boy)	Siti (girl)	Andie (boy)	Huiyin (girl)
Jay (boy)	Paul (boy)	Farah (girl)	Steve (boy)
Liting (girl)	Shane (boy)	Kumar (boy)	Kit (girl)

N

a) Paul's brother is seated to the north of him. Who is his brother?

The square grid below shows the seating arrangement of students in a classroom.

Sophia (girl)	Kenny (boy)	Jia-En (girl)	Ravi (boy)
Max (boy)	Siti (girl)	Andie (boy)	Huiyin (girl)
Jay (boy)	Paul (boy)	Farah (girl)	Steve (boy)
Liting (girl)	Shane (boy)	Kumar (boy)	Kit (girl)

N

b) Which student is seated south-west of Andie and south of Sophia?

Aisah is facing the food centre now. How many degrees in the anti-clockwise direction must she turn if she wants to face the swimming pool?
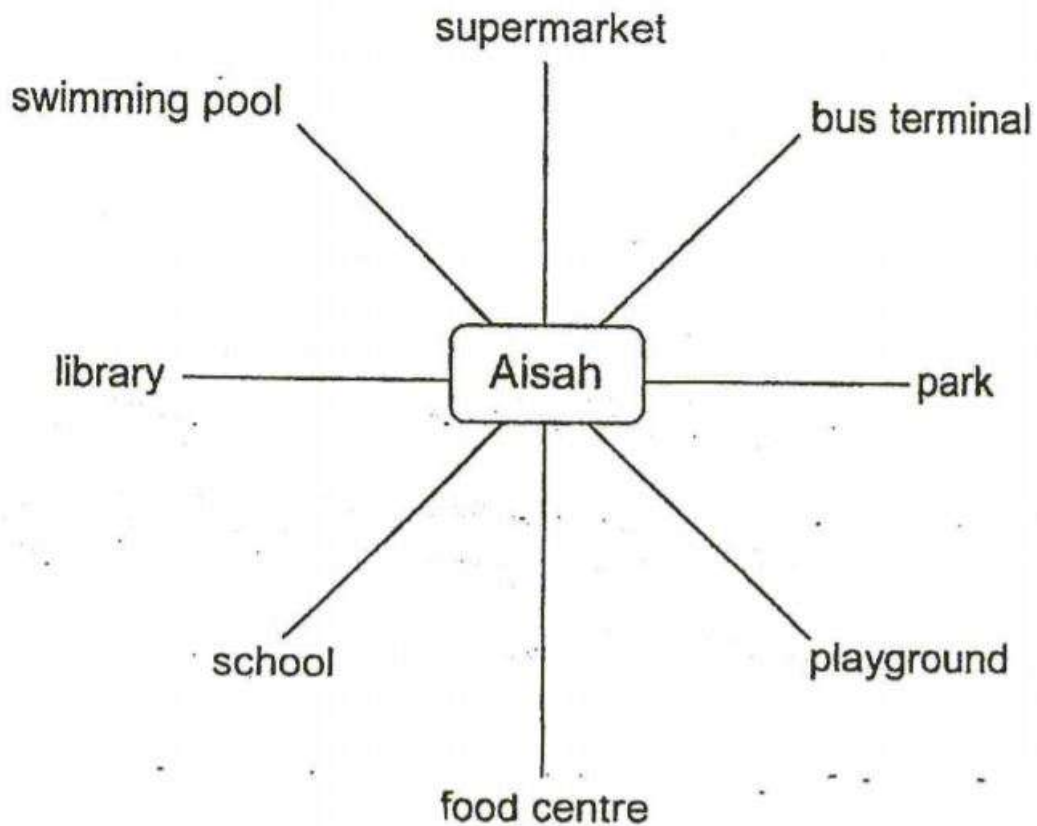
Complete the number pattern.

4584, 4884, 5184, 5484, _____ 6084

Find the product of 209 and 56.

What is the remainder when you divide 2039 by 4?

Peter has more than 20 paper clips. He wants to pack the paper clips into boxes. He can pack all the paper clips into boxes of 6 with no leftover.
He can also pack all the paper clips into boxes of 9 with no leftover.
What is the smallest possible number of clips Peter can have?

Meena has 3768 buttons. Nancy has 280 more buttons than Meena. Siti has 450 fewer buttons than Nancy. How many buttons does Siti have?

May bought a carton of milk as shown below. She poured out some of the milk into 3 glasses. Each glass contained 1/5 litres of milk.
How much milk was left in the carton?
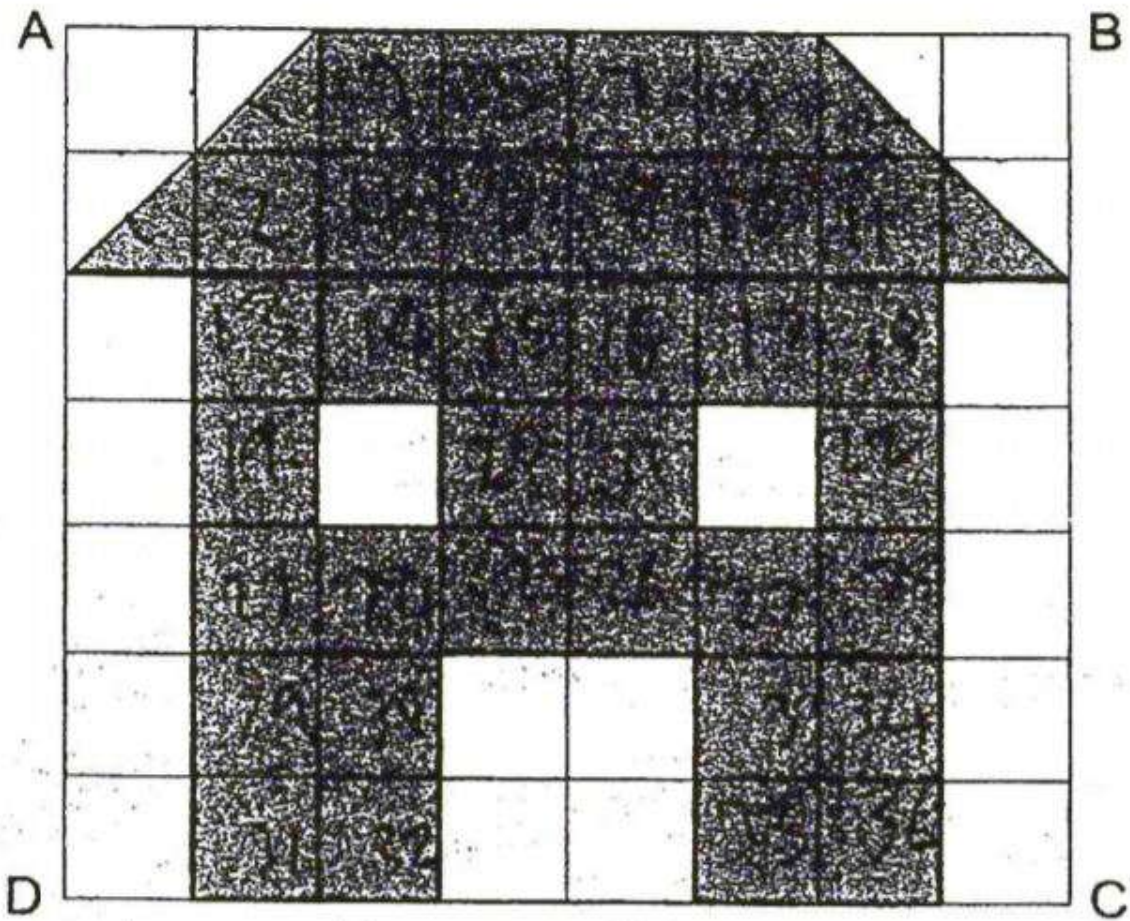Express your answer as a mixed number in its simplest form.

milk
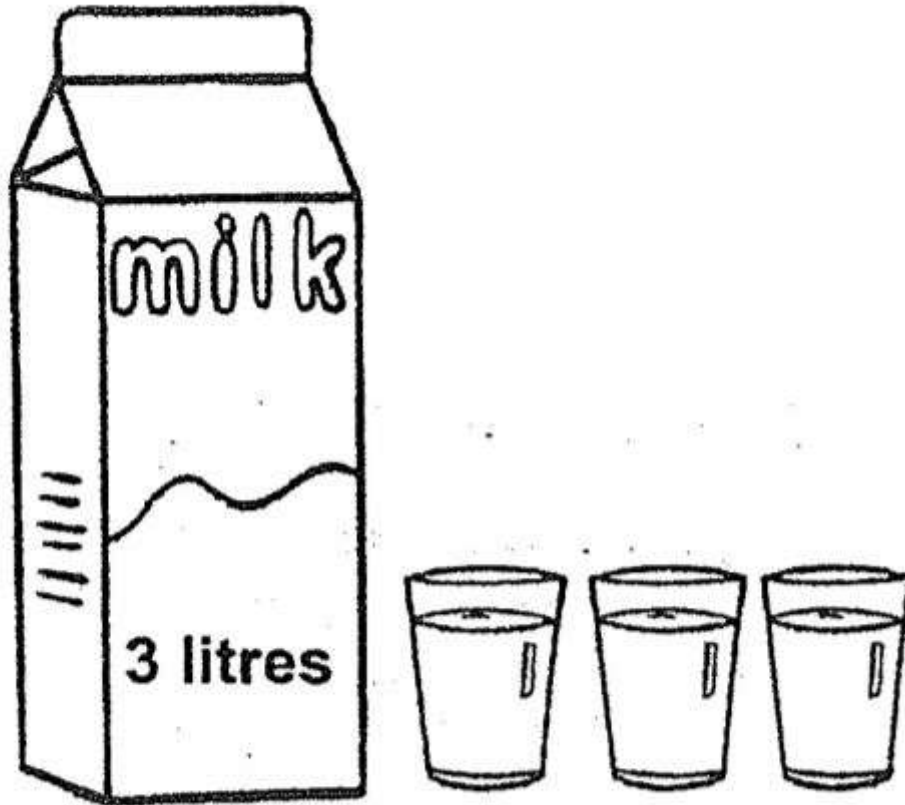
3 litres

Ans: _____ litres

What is the missing number in the box?

$$\frac{38}{5} = 7\frac{?}{10}$$

In the figure below, rectangle ABCD is made up of 56 unit squares.
What fraction of rectangle ABCD is shaded?

Mr Chin bought a cake. His son ate 2/3 of the cake and his wife ate 1/4 of the cake. What fraction of the cake was left?

Find the sum of 5 and 2/3. Express your answer as an improper fraction in its simplest form.

Amita spent 4/9 of her money on clothes. She spent 1/5 of her money on food. What fraction of her money did she spend more on clothes than on food?
Express your answer in its simplest form.

Sam jogged once every week. The distance that he jogged in a particular week was twice the distance that he jogged in the previous week. He jogged 700 m in the second weel. What was the total distance that Sam jogged in the first 4 weeks?

A bag containing a book has a total mass of 5/8 kg. The same bag containing 2 such books weighs 3/4 kg. What is the mass of the bag when it is empty?

Linda had a piece of wire. She used 2/9 of the wire to make a triangle and the rest of the wire to make a square. The difference between the perimeter of the square and the perimeter of the triangle was 60 cm.
What was the length of the original wire that Linda had?

Faizal had 278 potatoes. He packed all the potatoes into boxes of 9 with some leftover.

a) How many boxes of 9 potatoes did Faizal pack?

Faizal had 278 potatoes. He packed all the potatoes into boxes of 9 with some leftover.

b) How many potatoes were left over?

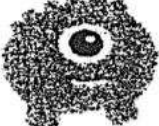Jennifer bought some sweets for her friends. When she gave each of them 4 sweets, she would have 2 sweets left. When she gave each of them 5 sweets, she would need 3 more sweets. How many sweets did she buy?

The table below shows the heights and masses of 3 monsters.
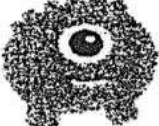
Monster		Height	Mass
Happy		$\dfrac{5}{8}$ m	$\dfrac{9}{10}$ kg
Pinky		$\dfrac{3}{4}$ m	$\dfrac{2}{5}$ kg
Gulpy		$\dfrac{2}{5}$ m	?

a) What is the difference in height between Happy and Gulpy?
Express your answer in its simplest form.

The table below shows the heights and masses of 3 monsters.

Monster		Height	Mass
Happy		$\dfrac{5}{8}$ m	$\dfrac{9}{10}$ kg
Pinky		$\dfrac{3}{4}$ m	$\dfrac{2}{5}$ kg
Gulpy		$\dfrac{2}{5}$ m	?

b) The total mass of Pinky and Gulpy is 11/12 kg.
What is the mass of Gulpy?

Ans: _____ kg

Mingren and Ravi are playing a game by placing discs on the squares of an 8 by 8 game board.
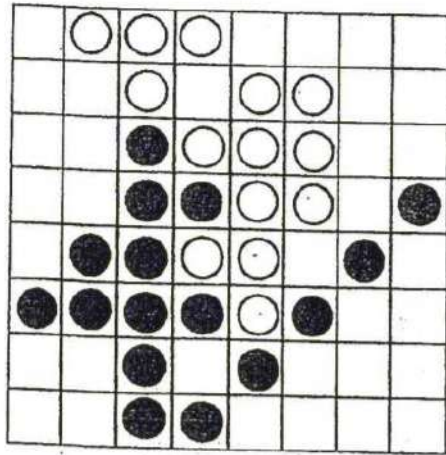
● Mingren: black disc

○ Ravi: white disc

a) The board above shows the number of discs that each boy has placed currently. What fraction of the total discs shown on the board is white?
Express your answer in its simplest form.

Mingren and Ravi are playing a game by placing discs on the squares of an 8 by 8 game board.
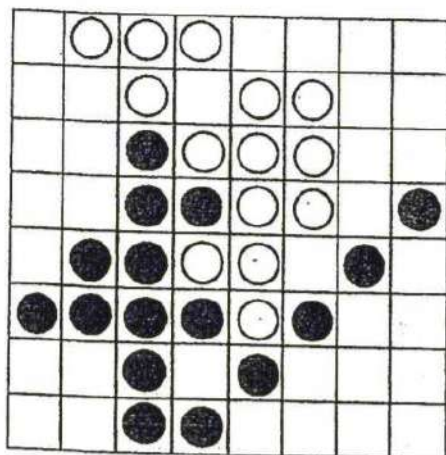
● Mingren: black disc

○ Ravi: white disc

b) When all the 64 squares of the game board is filled with discs, 5/8 of the discs on the board are placed by Mingren. How many more black discs did Mingren add to the board above?

Alison and Benny have 3753 beads altogether. Alison and Charles have 6389 beads altogether. The number of beads Charles has is three times that of Benny.
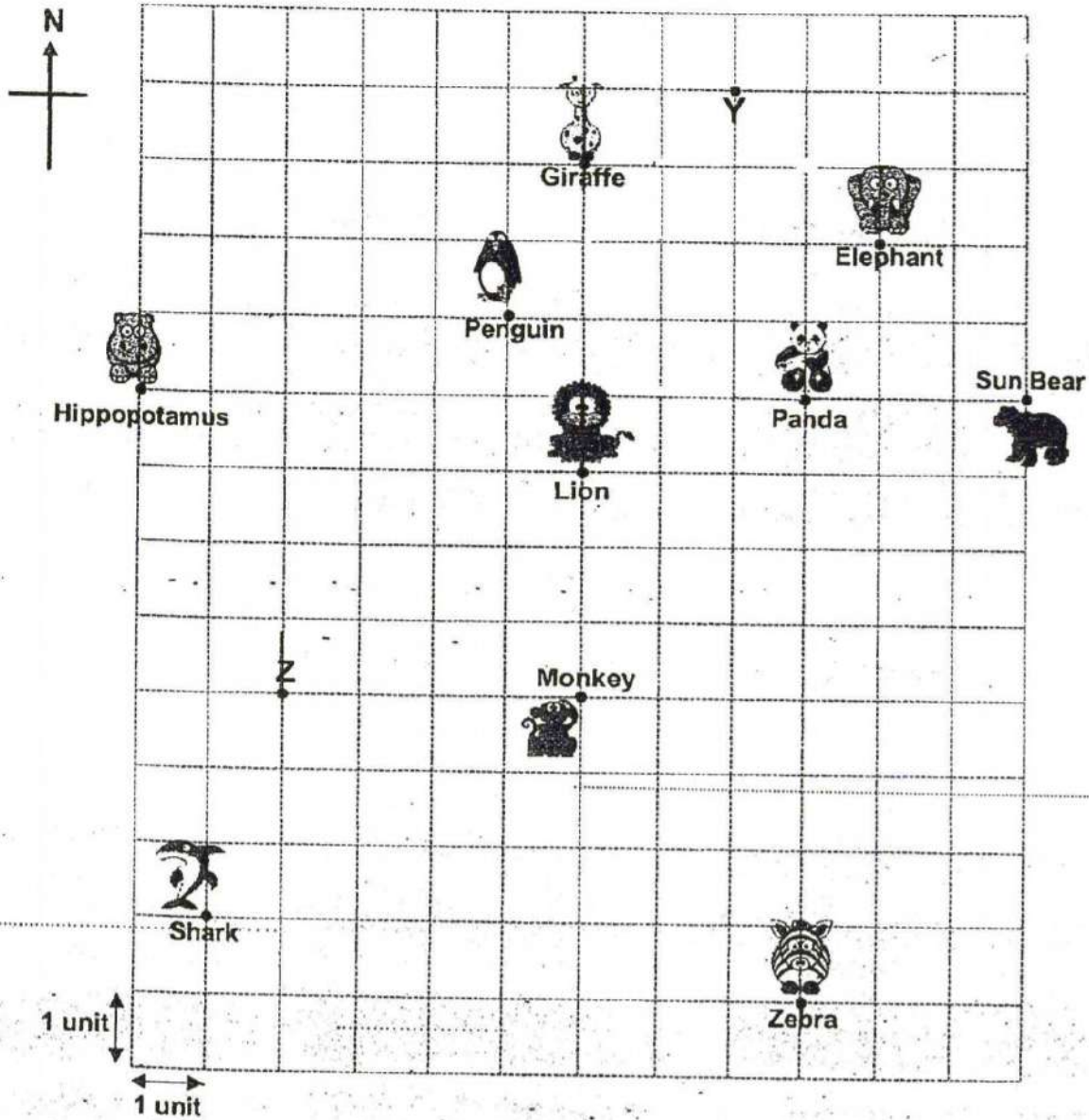
a) How many beads does Benny have?

Ans: _____ beads

Alison and Benny have 3753 beads altogether. Alison and Charles have 6389 beads altogether. The number of beads Charles has is three times that of Benny.
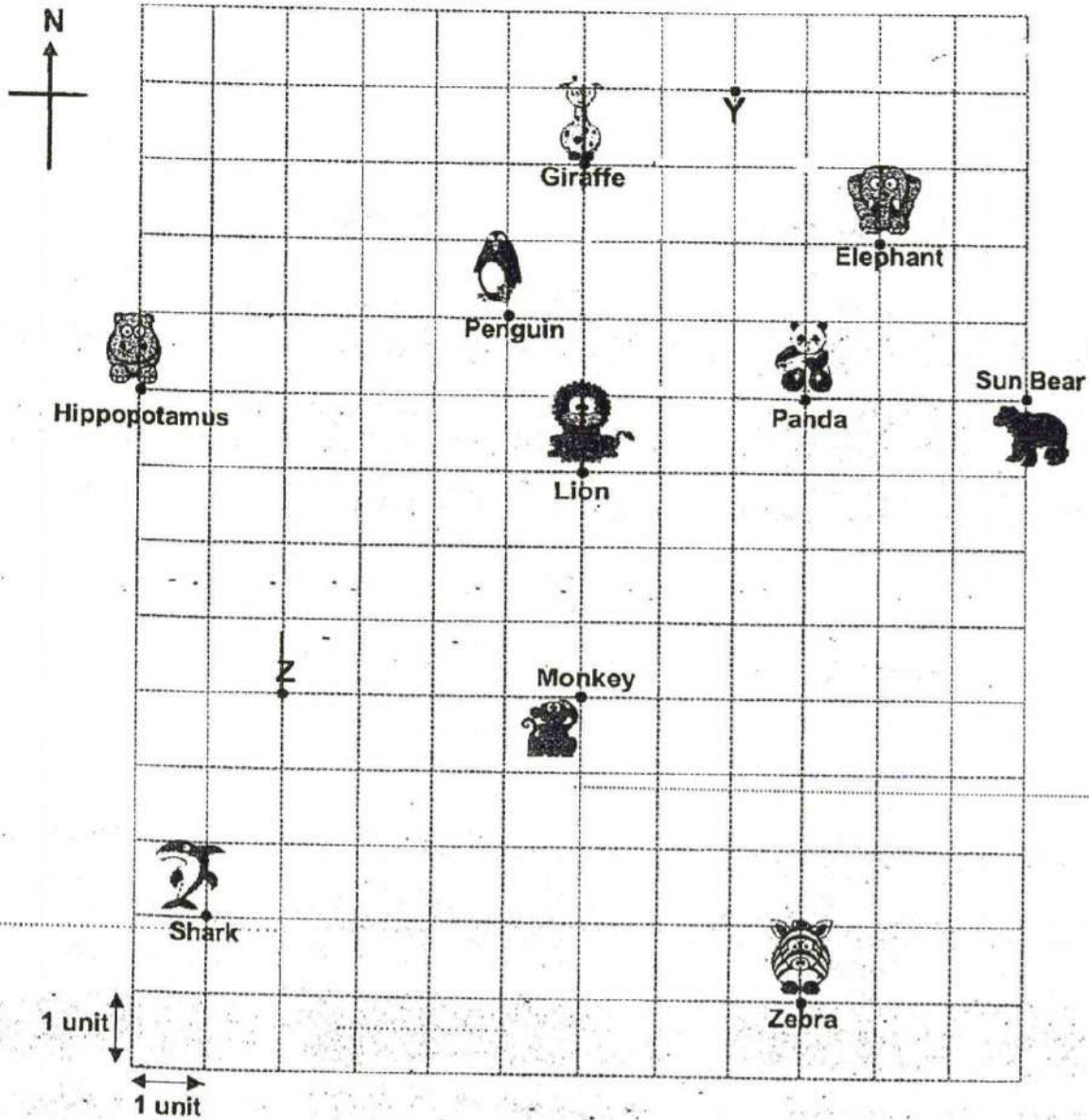
b) How many beads does Alison have?

Ans: _____ beads

Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.

N

Giraffe

Y

Elephant

Penguin

Hippopotamus

Sun Bear

Panda

Lion

Z

Monkey

Shark

Zebra

1 unit

1 unit

a) Alfie is at Point Y facing north-west. How many quarter turns in the clockwise direction must he make in order to see the penguin enclosure?

Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.


b) Which animal enclosure is to the south of the lion enclosure?

Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.
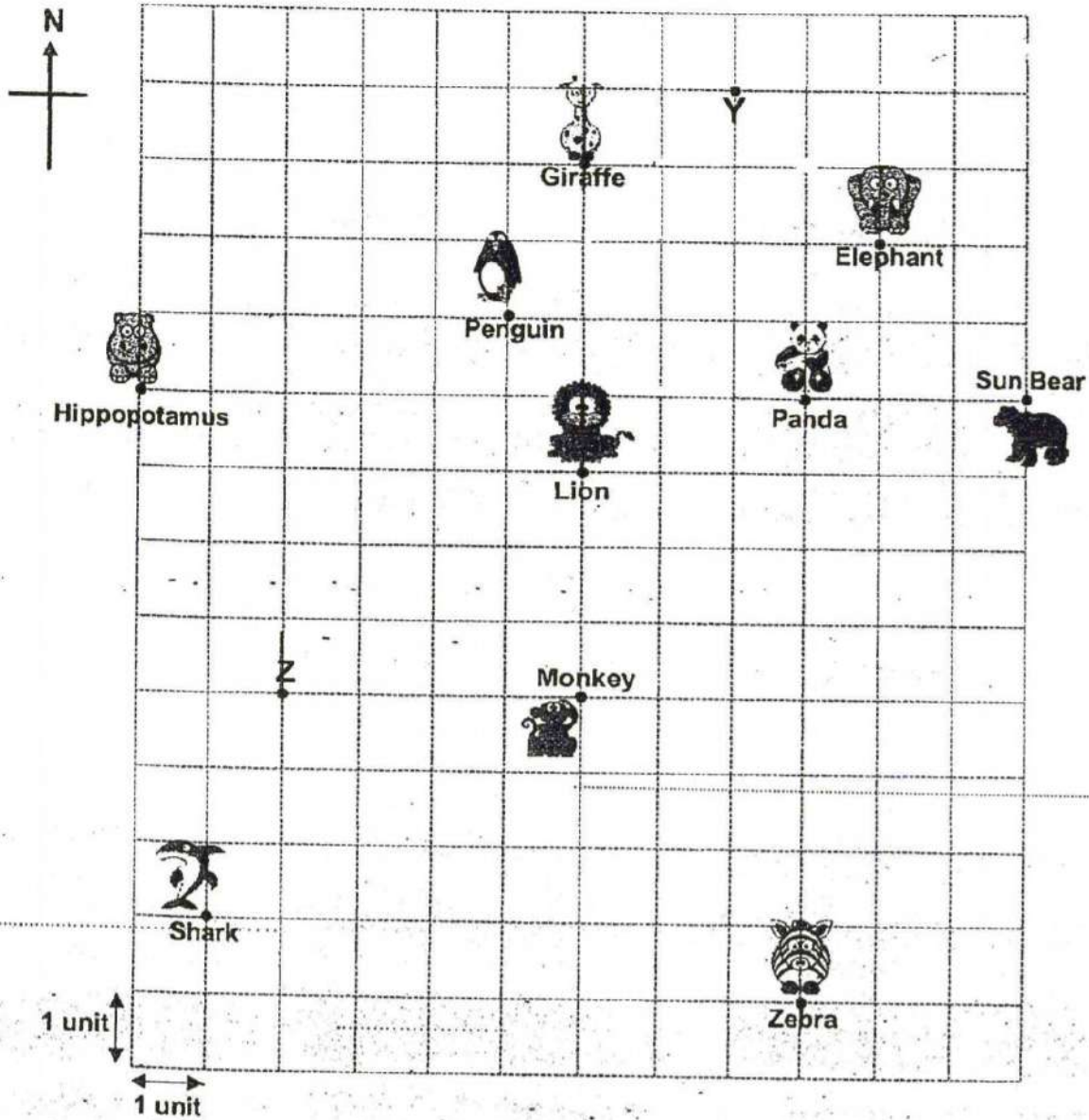
c) Harry is at Point Z. He turned north and walked 4 units. Then, he turned east and walked 7 units. Which animal enclosure will he reach?

Alfie, Paige and Harry are at the zoo. The points on the square grid below show the location of some animal enclosures.
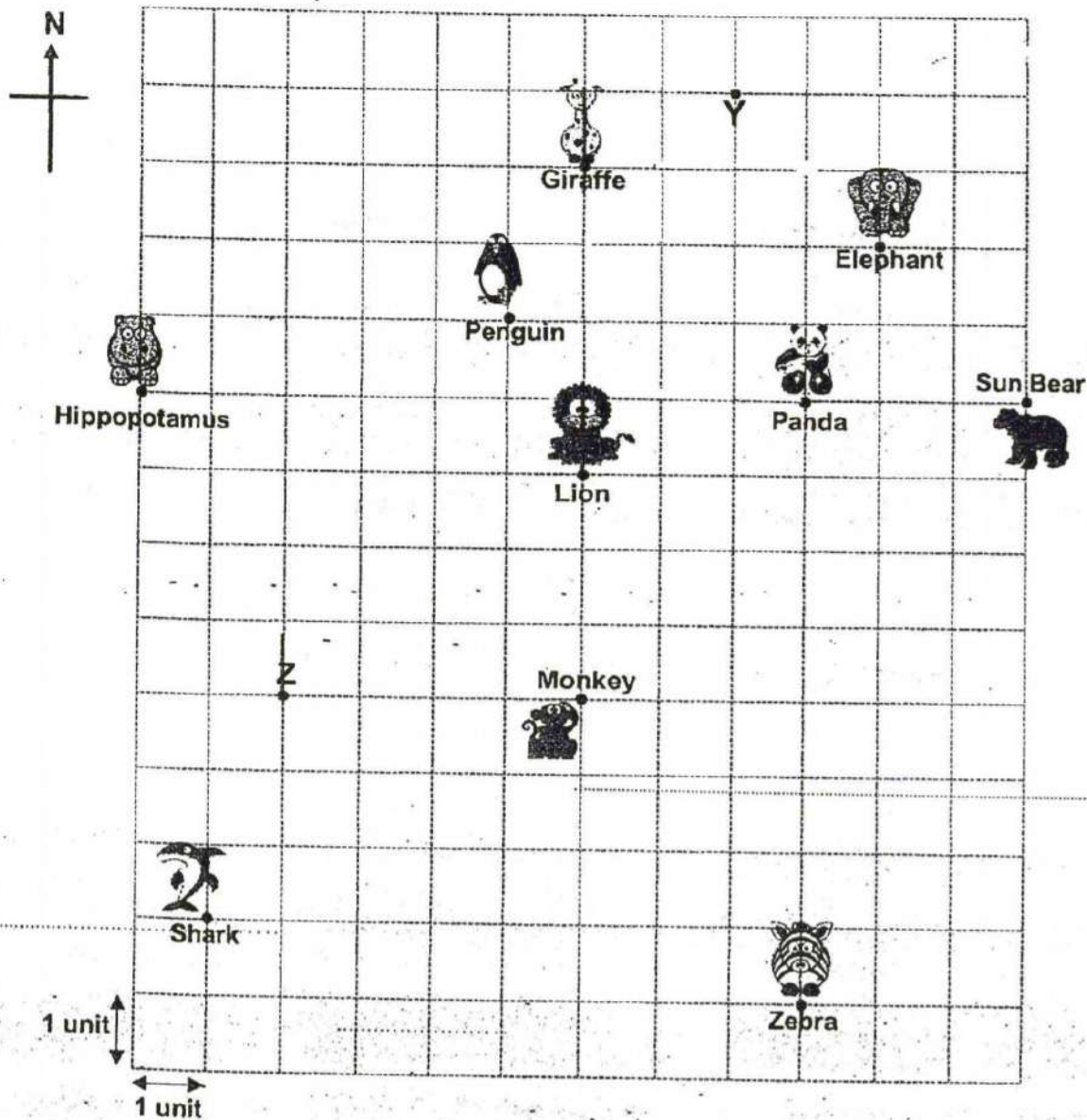
d) Paige was at a certain point on the square grid. She turned west and walked 5 units. Then, she turned south and walked 6 units and she reached the lion enclosure. Put a cross (X) on the square grid to show Paige's original position.

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Please put "Done" in the question space below inorder to proceed to the next question

Yasmin uses matchsticks to form figures that follow a pattern
as shown below.

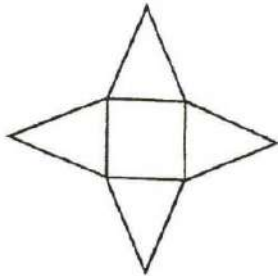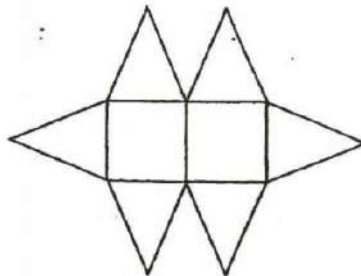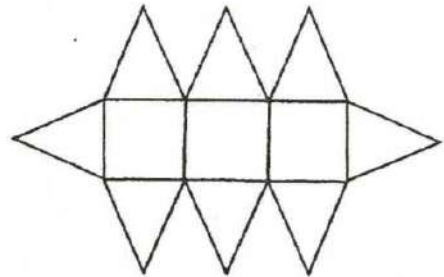Figure 1   Figure 2   Figure 3

(a)   The table shows the number of triangles and matchsticks for the
      first three figures. Complete the table for Figure 4.

Figure	Number of triangles	Number of matchsticks
1	4	12
2	6	-19
3	8	26
4		

Ans: _____ and _____
       (triangles)   (matchsticks)

Yasmin uses matchsticks to form figures that follow a pattern as shown below.
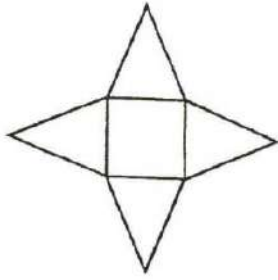

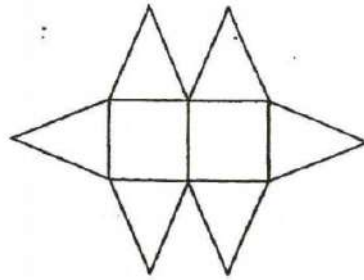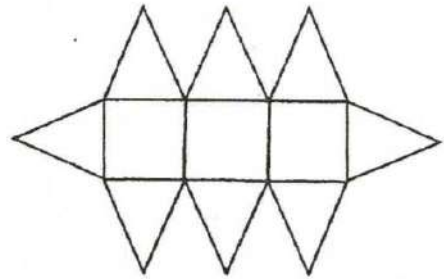Figure 1   Figure 2   Figure 3

b) How many triangles are there in Figure 7?

Yasmin uses matchsticks to form figures that follow a pattern as shown below.
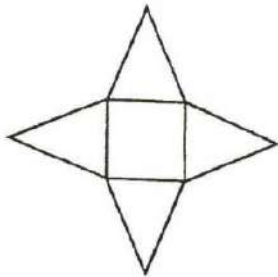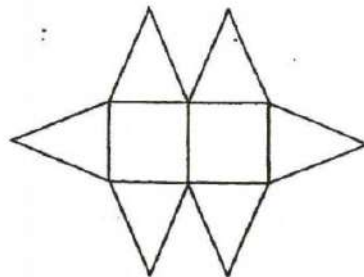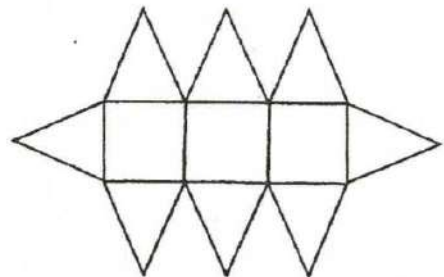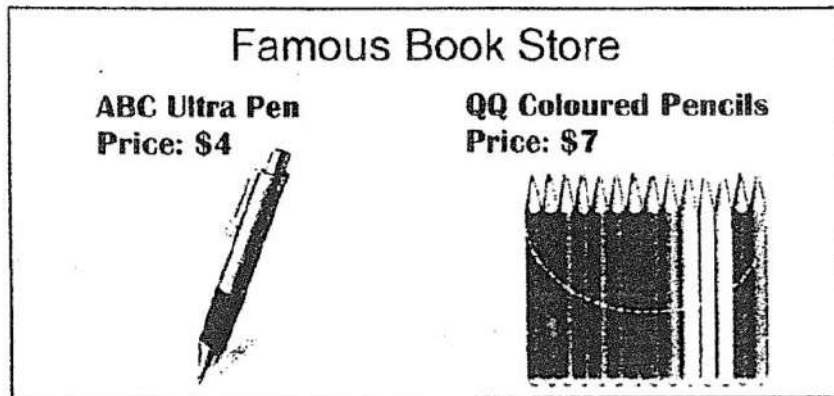

Figure 1   Figure 2   Figure 3

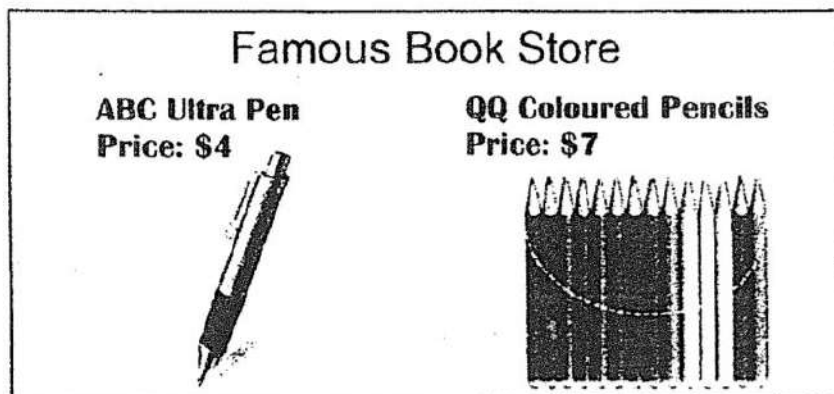c) How many matchsticks are used to form Figure 9?

Mrs Koh went to a book store.

Famous Book Store

ABC Ultra Pen
Price: $4

QQ Coloured Pencils
Price: $7

Mrs Koh spent $\frac{5}{12}$ of her money to buy some pens and $\frac{1}{4}$ of her money to buy a few boxes of coloured pencils. She had $112 left.

a) What fraction of her money was left?
Express your answer in its simplest form.

Mrs Koh went to a book store.

Famous Book Store

ABC Ultra Pen
Price: $4

QQ Coloured Pencils
Price: $7

Mrs Koh spent $\frac{5}{12}$ of her money to buy some pens and $\frac{1}{4}$ of her money to buy a few boxes of coloured pencils. She had $112 left.

b) How many boxes of coloured pencils did she buy?