Test: Primary 5 Maths (Term 2) - St Nicholas

Points: 92 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 52   Primary 5 Maths (Term 2)   1 pt

Choose the correct answer for each question. (20 Marks)

In 6 890 731, the digit 9 is in the ___ place.

◯ **A)** thousands
◯ **B)** ten thousands
◯ **C)** hundred thousands
◯ **D)** millions
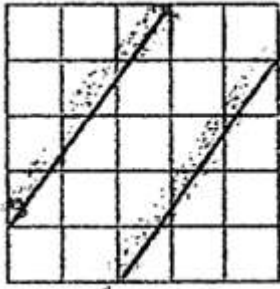
Question 2 of 52   Primary 5 Maths (Term 2)   1 pt
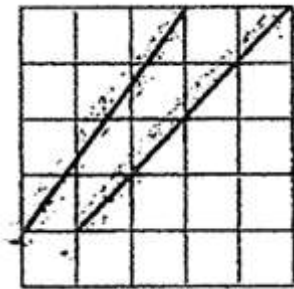
Find the sum of all the factors of 12.

◯ **A)** 12
◯ **B)** 16
◯ **C)** 21
◯ **D)** 28

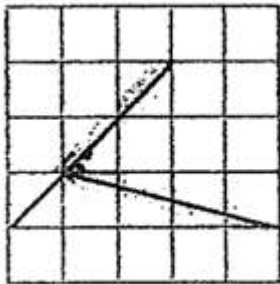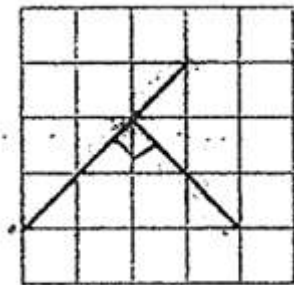Which one of the following figures shows a pair of perpendicular lines?

A)

B)

C)

D)

Express 5 tenths as a decimal.

A) 50

B) 5

C) 0.5

D) 0.05

A cup contains $\frac{2}{3}$ ℓ of water. How much water do 5 such cups contain?

A)

$2\frac{2}{3}$ ℓ

B)

$3\frac{1}{3}$ ℓ

C)

$4\frac{1}{3}$ ℓ

D)

$5\frac{2}{3}$ ℓ

Which one of the following is the same as 9÷4?

A)   4÷9

B)

$$\frac{1}{9} \times 4$$

C)

$$\frac{1}{4} \times 9$$

D)

$$\frac{1}{4} \times \frac{1}{9}$$

Which one of the following is likely to be the mass of a pupil's school bag?

A)   5g

B)   5kg

C)   50g

D)   50kg

Jun Jie bought a packet of drink for $1.50. He gave the stall owner a $5 note and received the changed of 50 cent coins. How many 50 cent coins did he receive?
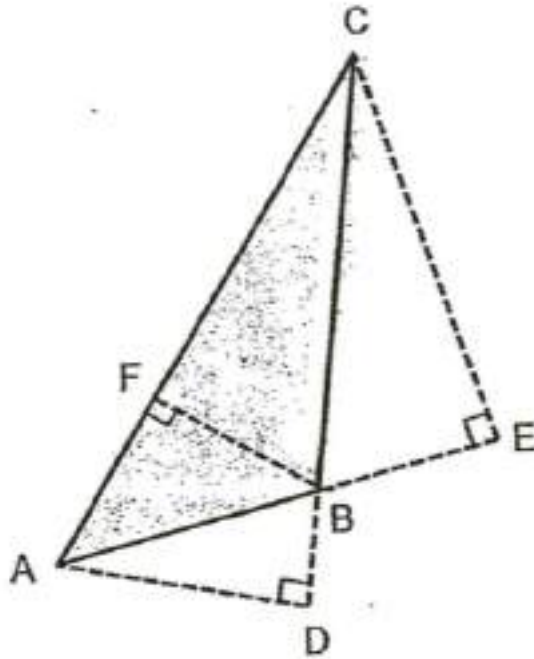
A)   13

B)   10

C)   3

D)   7

In the figure below, BC is the base of the triangle ABC. What is its height?

A) CF

B) BF

C) BD

D) AD

What is the missing number?

12 : 15 = 20 : _____

A) 25

B) 23

C) 16

D) 5

Mrs Goh bought 5 packets of cookies. There were 15 cookies in each packet. She repacked some of the cookies into 9 bags of 6. How many cookies were not packed?

A) 75

B) 54

C) 30

D) 21

Florence bought some red and blue balloons. The number of red balloons was $\frac{1}{4}$ of the total number of balloons. There were 24 blue balloons. How many balloons did Florence buy altogether?

A) 32

B) 18

C) 8

D) 6

Han Ling packed some fruits into a box as shown in the table below. What was the ratio of the number of apples to the number of oranges to the number of pineapples?

Fruit	Number of Fruits
Pineapples	8
Apples	20
Oranges	12

A) 2:3:5

B) 2:5:3

C) 5:2:3

D) 5:3:2

Paraveen bought a total of 120 pink, yellow and green beads to make a necklace. There were 6 more pink beads than yellow beads.There were 4 times as many green beads as yellow beads. How many yellow beads did he buy?

A) 19

B) 21

C) 76

D) 84

En En had some flour. She used 360 g of it to bake a cake and $\frac{4}{9}$ of the remainder to bake some cookies. She had 900 g of flour left. How much flour did she have at first?

○ **A)**   1080 g
○ **B)**   1100 g
○ **C)**   1980 g
○ **D)**   2385 g

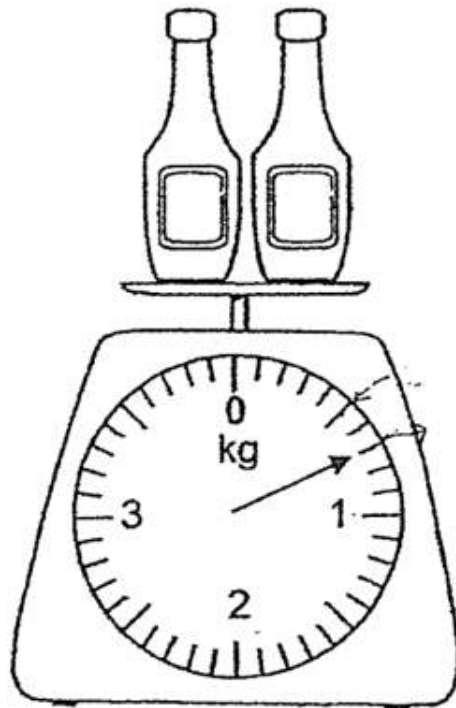round 327 954 to the nearest hundred.

The figure below shows an 8-point compass. Wei Xi turned 135° clockwise and faced south-east. Which direction was she facing before she made the turn?
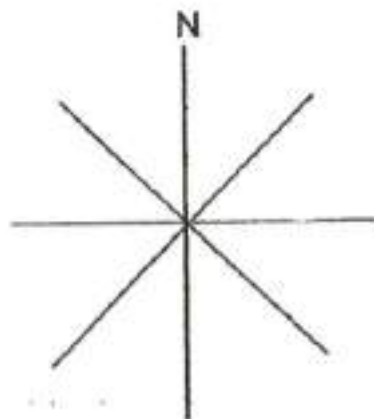
Find the value of $\dfrac{8}{5} \times \dfrac{4}{10}$.

Give your answer as a fraction in its simplest form.

The figure below shows the mass of 2 identical bottles.

What is the mass of 1 bottle?

Edward ran 3200m while Felice ran 2km 400m. What was the total distance that they ran altogether?

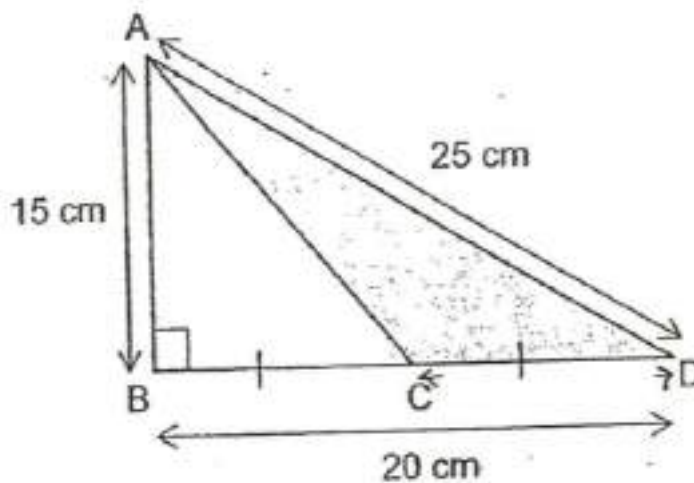Mrs Lim was thinking of a number which was between 30 and 50. When she divided the number by 5, she had a remainder of 3. When she divided the number by 7 , she had a remainder of 1. What was the number she was thinking of?

The figure below is made up of triangle ABC and triangle ACD. Find the area of triangle ACD.

The ratio of the length of a rectangle to its breadth is 3:2. The breadth of the rectangle is 6cm. What is the area of the rectangle?

The ratio of the amount of money that Andy had to the amount of money that Bobby had is 4:9. Bobby has 3 times as much money as Calvin. Calvin has $60. How much money does Andy have?

The figure below is made up of 8 identical squares. What fraction of the figure is shaded? Express your answer in its simplest form.
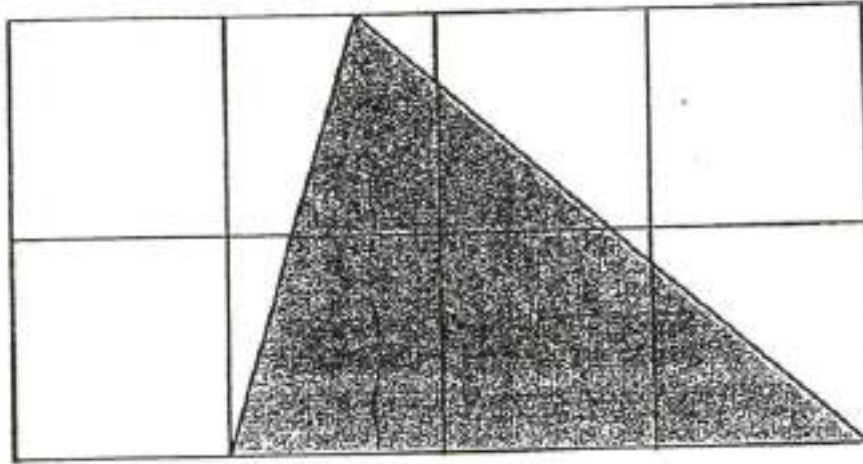
Rodney is 24 years old this year. He is thrice as old as Mervin. In how many years' time will Rodney be twice Mervin's age?

There are 16 shaded squares in the figure below. Shade 2 more squares to form a symmetric figure with AB as the line of symmetry.
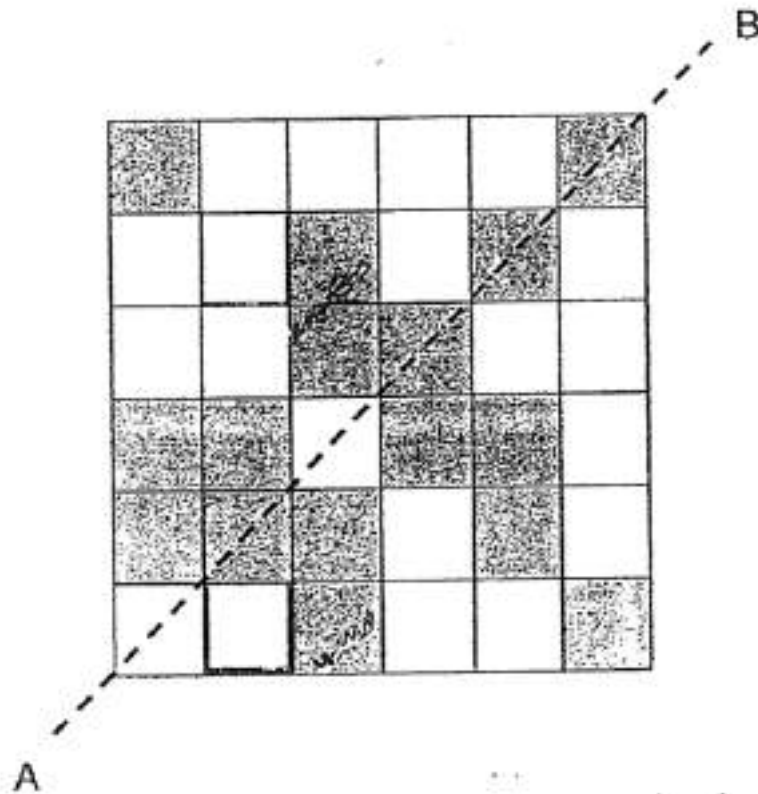
Please type "done" to proceed to the next question.

Jia Yi baked twice as many biscuits as Bing Hui. After Jia Yi gave away $\frac{3}{8}$ of her biscuits and Bing Hui baked another 18 biscuits, the two girls had the same number of biscuits. How many biscuits did Bing Hui bake altogether?

The table below shows the movie schedule at Best Shows Cinema.

Screening Now		
Movie Show	Start Time	Duration of Movie
Terrific Rim	1.30 p.m. 4.15 p.m.	2 h 15 min
Ah Girls to Women	12.15 p.m. 3 p.m.	2 h 5 min
Sherlock Domes	3 p.m. 5.15 p.m.	1 h 50 min

Joshua arrives at the cinema at 1.50 p.m. He wants to watch a movie from the start to the end. He has asked his father to pick him up at 5 p.m.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

Joshua is able to watch Ah Girls to Women from the start to the end.

A) True

B) False

C) Not possible to tell

Joshua will be able to choose between two movies if he had asked his father to pick him up at 5.10pm

---

A) True

B) False

C) Not possible to tell

A train travelled from Station A to Station C. There were some passengers on board the train when it left Station A. At Station B, 13 passengers boarded the train while 57 passengers alighted the train. Finally at Station C, 128 passengers boarded the train. The number of passengers on the train when it left Station C was twice the number of passengers in the train when it left Station A. How many passengers were on board on the train when it left Station A?
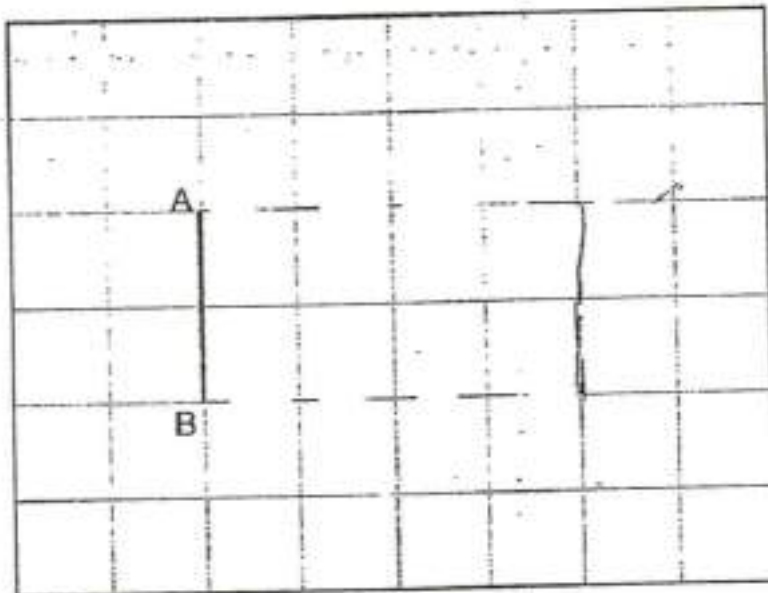
Hui Min saved $7 per week, Ted saved 3 times as much as Hui Min per week. How much did they save in 15 weeks altogether?

Line AB is the breadth of rectangle ABCD. It is half the length of the rectangle. Complete the drawing of rectangle ABCD in the square grid below. Label rectangle ABCD.
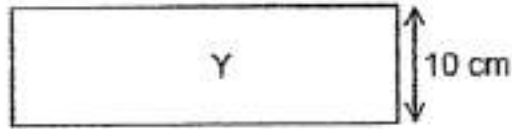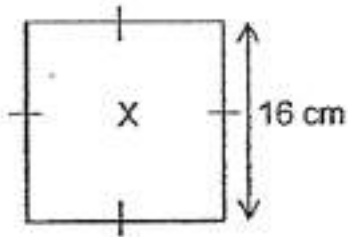

Please type "done" to proceed to the next question

Square X and rectangle Y have the same area. Find the length of rectangle Y.

The ratio of the number of cards that Joanne had to the number of cards the Korelle had was 11:7. Korelle had 308 cards. How many cards did Joanna and Korelle have altogether?

There were a total of 460 boys and girls in the theatre at first. 97 boys left and 12 girls entered the theatre. There were then four times as many boys as girls. How many bots were there in the theatre in the end?

Uma and LiTing had an equal amount of money at first. After Uma gave LiTing $40, LiTing had 5 times as much money as Uma. How much money did both Uma and LiTing have altogether?
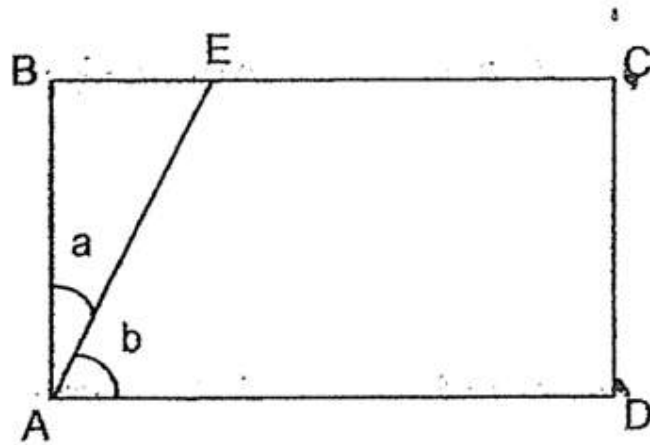
Mrs Koh made some fruit punch by adding 380 ml of syrup to 1L 90ml of water. She poured the fruit punch into 7 cups equally. What was the amount of fruit punch in each cup?

In the figure below, ABCD is a rectangle.

(a) The size of ∠ b is twice the size of ∠ a. Find ∠ b.

b) Name a line that is parallel to line AD

Ms Sharidah recorded the sports that 324 children liked on a slip of paper but she accidentally spilled some coffee on the slip of paper.

Sports	Number of children
Netball	
Badminton	
Track and Field	63

She remembered that 37 more children liked netball than badminton. How many children liked badminton?

The figure below is made up of a big square and 2 identical small squares:
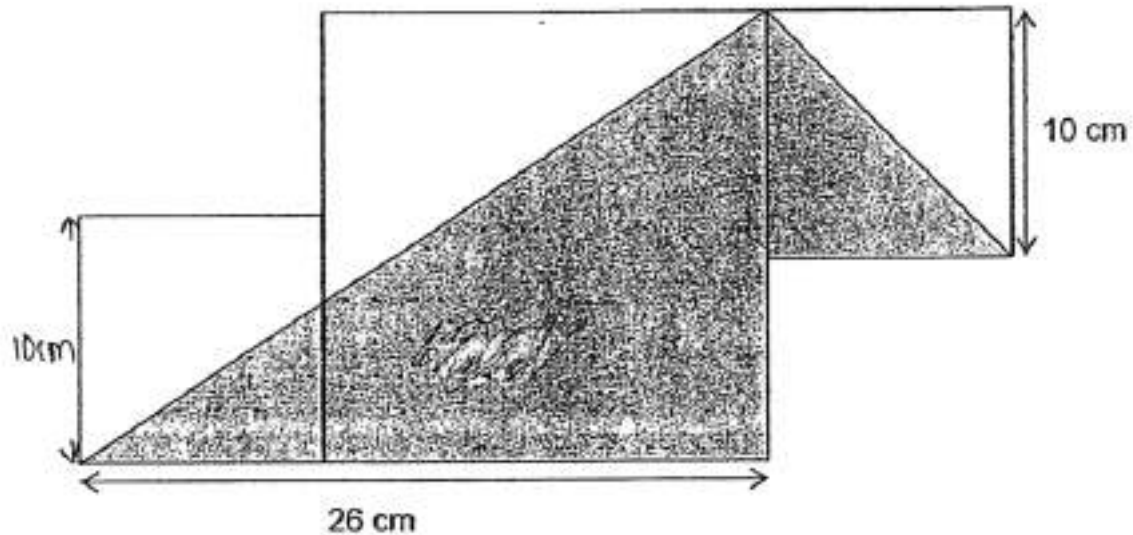
Find the area of the shaded part.

At a football game, the ratio of the number of children to the number of adults is 3 : 10. There are 2730 more adults than children. How many people are there altogether?

In the figure below, ABCD is a square and EFG is a triangle. $\frac{1}{8}$ of the square is shaded. Find the unshaded area of triangle EFG.
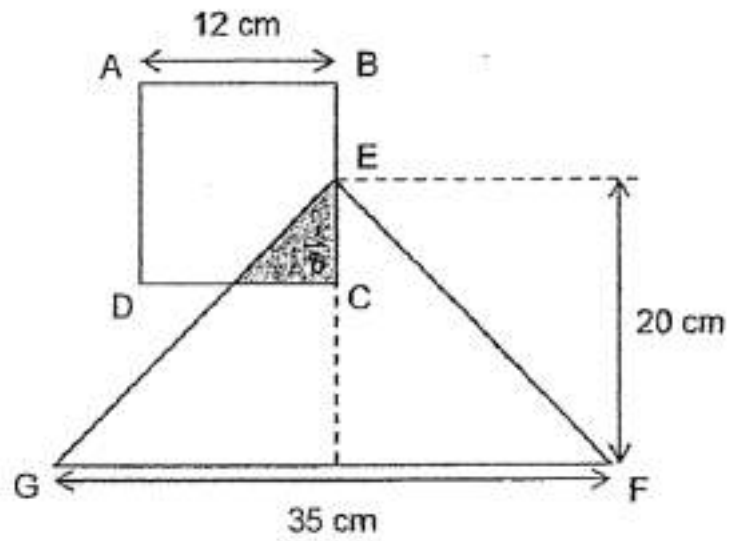
A shop sells notebooks at the prices shown below.

NOTEBOOKS for SALE

1 notebook for $3

6 notebooks for $15
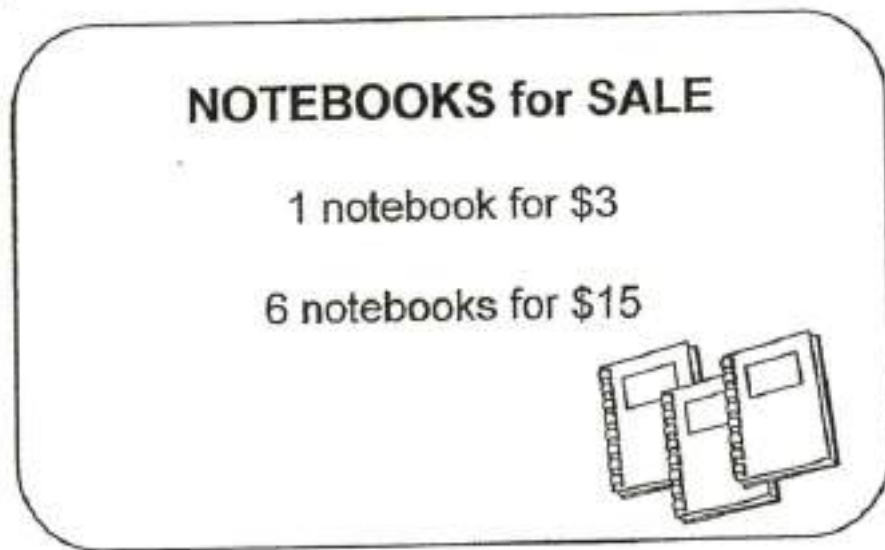
Mr Sahir wants to buy exactly 44 notebooks. What is the least amount of money that he needs to pay?

Rachel and Tammy had a total of 405 stamps at first. The number of stamps that Rachel had was $\frac{2}{5}$ of the total number of stamps. After Rachel gave away some stamps, the number of stamps that Rachel had left became $\frac{1}{10}$ of the total number of stamps left. How many stamps did Rachel give away?

Mrs Soh gave Kelvin a total of 660 coins and $2 notes. The ratio of the number of coins to the number of $2 dollar notes was 7:5.

a) How many coins were there?

(b)   The ratio of the number of 10¢ coins to the number of 20¢ coins to the number of 50¢ coins was 2 : 5 : 4. What was the total value of 50¢ coins that Kelvin received from Mrs Soh?

Pupils are seated around 8-sided tables that are joined together in a straight row as shown in the arrangements below. The figures follow a pattern.
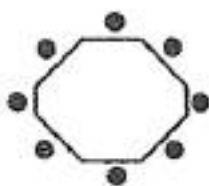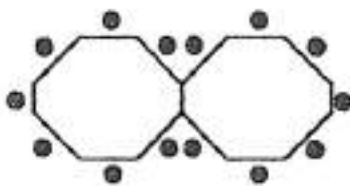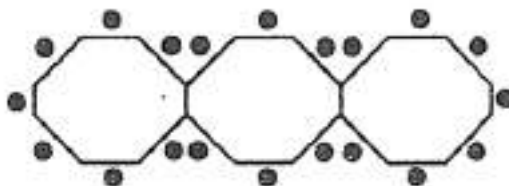

Figure 1   Figure 2   Figure 3

(a) The table below shows the number of pupils seated for each arrangement. Complete the table for Figure 4 and Figure 5.

Figure Number	Number of pupils
1	8
2	14
3	.
4	
5	

B) How many pupils can be seated at 9 such tables?

---

c) How many table swill be needed to seat 176 pupils?

Mr Tan spent $\frac{1}{3}$ of his money on files. He spent $\frac{3}{7}$ of his remaining money on 8 similar files and 6 similar pens. 2 files cost as much as 3 pens. If he were to spend all his money on buying files only, how many files could he buy altogether?