

Test: Primary 5 Maths (Term 4) - Nan Hua

Points: 95 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 59

Primary 5 Maths (Term 4) 1 pt

In 3 472 169, which digit is in the hundreds thousands place?

☐ A) 1

☐ B) 2

☐ C) 3

☐ D) 4

Question 2 of 59

Primary 5 Maths (Term 4) 1 pt

517 000 is the same as ____ tens

☐ A) 517

☐ B) 5170

☐ C) 51700

☐ D) 517 000

Question 3 of 59

Primary 5 Maths (Term 4) 1 pt

What is the product of 500 and 2000?

☐ A) 10 000

☐ B) 100 000

☐ C) 1 000 000

☐ D) 10 000 000

Question 4 of 59

Primary 5 Maths (Term 4)

1 pt

What is the value of $48 \div 8 - (6 - 4) \times 2$?

-
- ☐ A) 8
- ☐ B) 2
- ☐ C) 12
- ☐ D) 16

Question 5 of 59

Primary 5 Maths (Term 4)

1 pt

What is the value of $\frac{3}{5} \times \frac{2}{9}$?

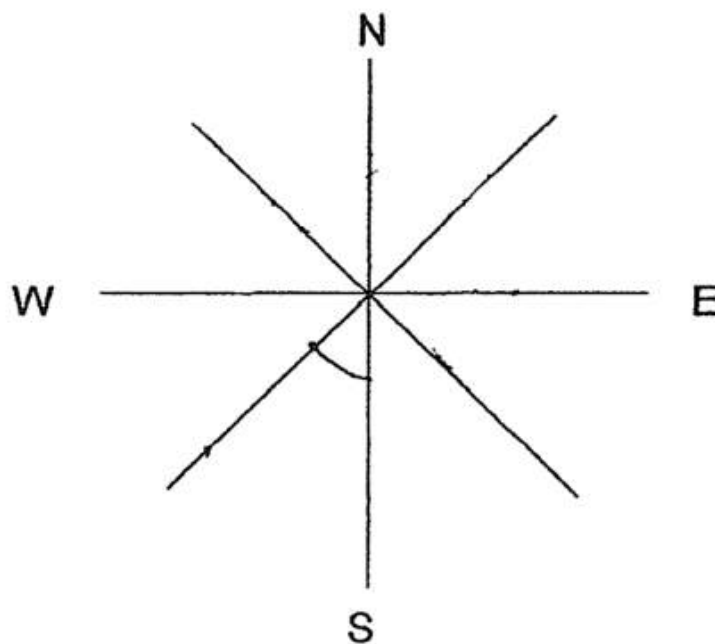
-
- ☐ A) $\frac{2}{15}$
- ☐ B) $\frac{5}{14}$
- ☐ C) $\frac{27}{10}$
- ☐ D) $\frac{37}{45}$

Express $\frac{36}{50}$ as a decimal.

- ☐ A) 3.6
- ☐ B) 7.2
- ☐ C) 0.36
- ☐ D) 0.72

After making a $\frac{3}{4}$ turn clockwise, John is facing South-West.

Which direction is John facing at first?



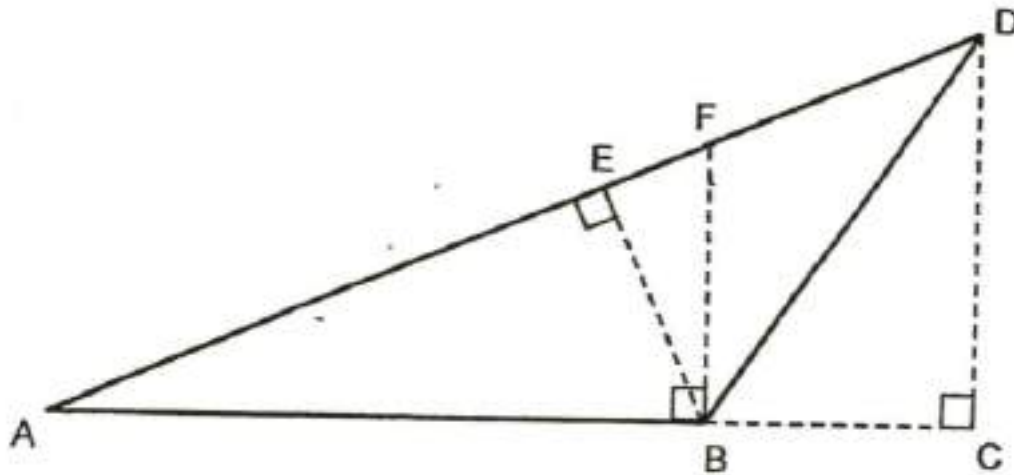
- ☐ A) East
- ☐ B) North
- ☐ C) North-West
- ☐ D) South-East

Mrs Tay bought $\frac{7}{10}$ kg of meat from the market. She cooked $\frac{1}{2}$ kg of the meat and kept the rest. How much meat did she keep?

-
- ☐ A) $\frac{1}{5}$ kg
- ☐ B) $\frac{3}{5}$ kg
- ☐ C) $\frac{12}{10}$ kg
- ☐ D) $\frac{7}{20}$ kg

In the figure below, ABD is a triangle.

Given that AB is the base, which one of the following is the height?



- ☐ A) BD
- ☐ B) BE
- ☐ C) BF
- ☐ D) CD

Mrs Lim bought 40 apples. Her family ate $\frac{2}{5}$ of the apples.

How many apples were left?

- ☐ A) 12
- ☐ B) 16
- ☐ C) 24
- ☐ D) 38

Question 11 of 59

Primary 5 Maths (Term 4)

1 pt

There are a total of 75 red and green balls in a jar. 60% of the balls are red. How many green balls are there in the jar?

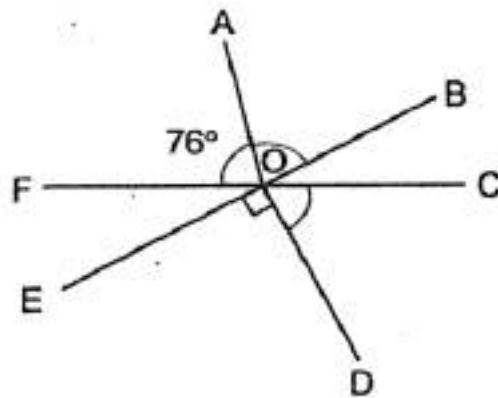
- ☐ A) 15
- ☐ B) 30
- ☐ C) 40
- ☐ D) 45

Question 12 of 59

Primary 5 Maths (Term 4)

1 pt

In the figure, BE and CF are straight lines. $\angle AOF = \angle AOB$. Find $\angle COD$.



- ☐ A) 14
- ☐ B) 18
- ☐ C) 62
- ☐ D) 76

The rate for parcel postage at a post office is shown in the table below.

Mass step not over	100 g	250 g	500 g	Every additional 100 g
Postage	\$2.50	\$3.90	\$5.20	\$1.

Alice posted a parcel that weighed 860g. How much did she pay for the postage?

- ☐ A) \$8.20
- ☐ B) \$9.20
- ☐ C) \$12.60
- ☐ D) \$22.50

The first 16 numbers of a number pattern are given below.

3 , 0 , 1 , 1 , 3 , 3 , 0 , 1 , 1 , 3 , 3 , 0 , 1 , 1 , 3 , 3 , ...
1st 16th

What is the sum of the first 48 numbers?

- ☐ A) 60
- ☐ B) 76
- ☐ C) 81
- ☐ D) 96

Question 15 of 59

Primary 5 Maths (Term 4)

1 pt

Caili spent $\frac{1}{2}$ h doing her homework. She spent $\frac{1}{6}$ h less than Aini on her homework. How much time did Aini take to complete her homework?

- ☐ A) 10 min
- ☐ B) 20 min
- ☐ C) 30 min
- ☐ D) 40 min

Question 16 of 59

Primary 5 Maths (Term 4)

1 pt

Write one million, six hundred and forty thousand and thirteen in numerals.

Question 17 of 59

Primary 5 Maths (Term 4)

1 pt

A file cost \$1.20. A school bought 800 files for the students. How much did the school pay for the files?

Question 18 of 59

Primary 5 Maths (Term 4)

1 pt

By rounding each of the numbers to the nearest whole number, estimate the value of:

$$37.8 + 79.6 \times 10.3$$

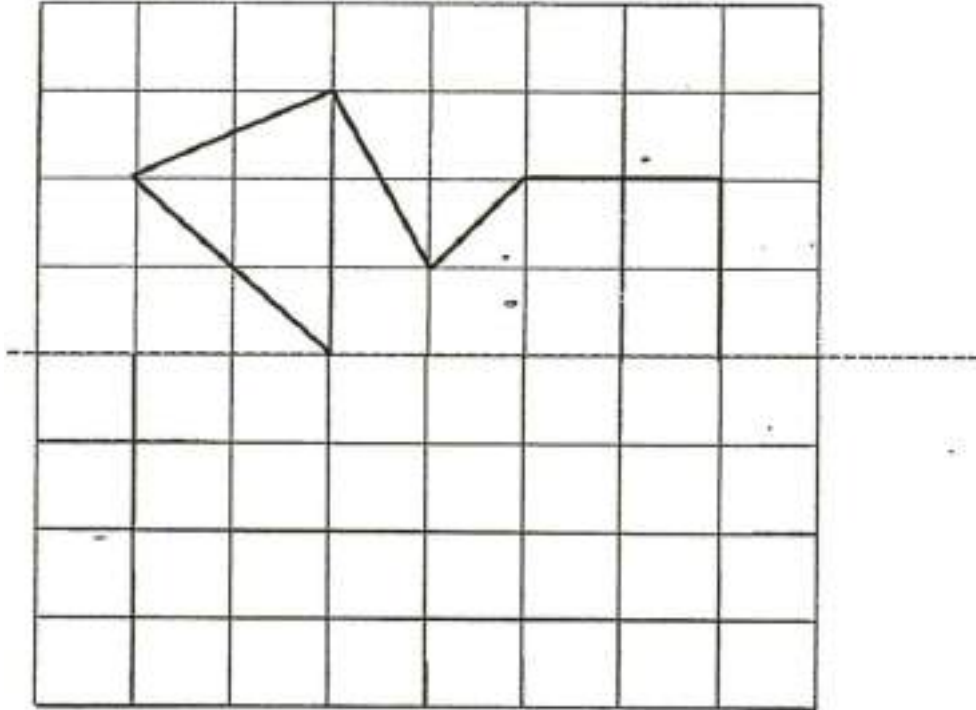
Question 19 of 59

Primary 5 Maths (Term 4)

1 pt

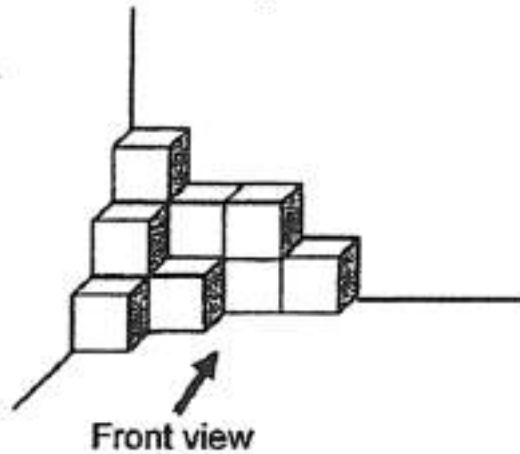
Find the value of $50 \div 3$. Express your answer as a mixed number in its simplest form

Complete the diagram below to form a symmetric figure. The dotted line is the line of symmetry.



Please type "done" to proceed to the next question

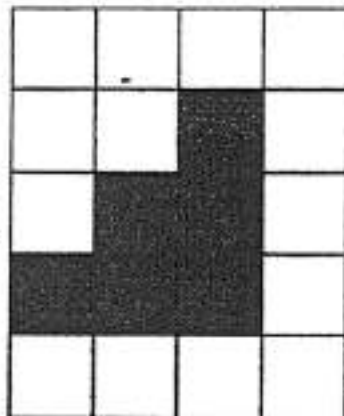
The solid below is made up of 1-cm cubes.



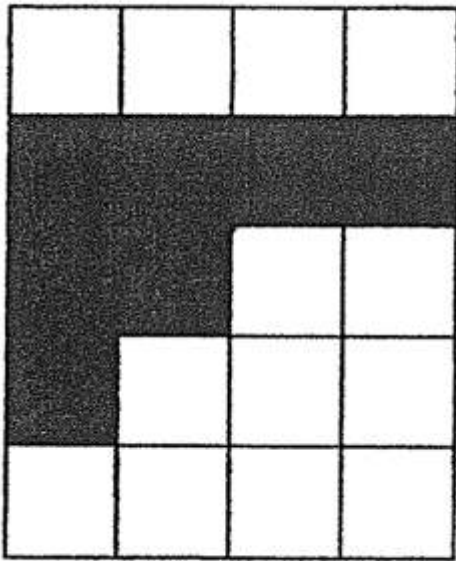
Look at the figures below and identify the views for the solid.

Put a tick (✓) next to the correct answer.

(a)



- ☐ A) Top view
- ☐ B) Front view
- ☐ C) Side view

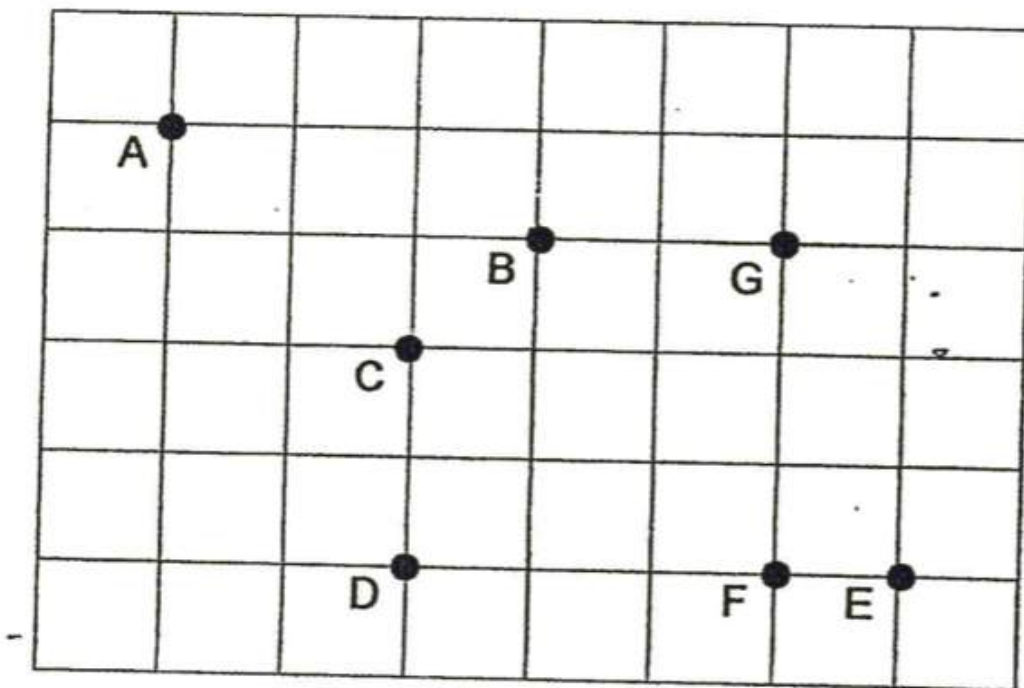


-
- ☐ A) Top view
- ☐ B) Front view
- ☐ C) Side view

Using the given line, draw and label $\angle ABC = 72^\circ$



Please type "done" to proceed to the next question



In the square grid above,

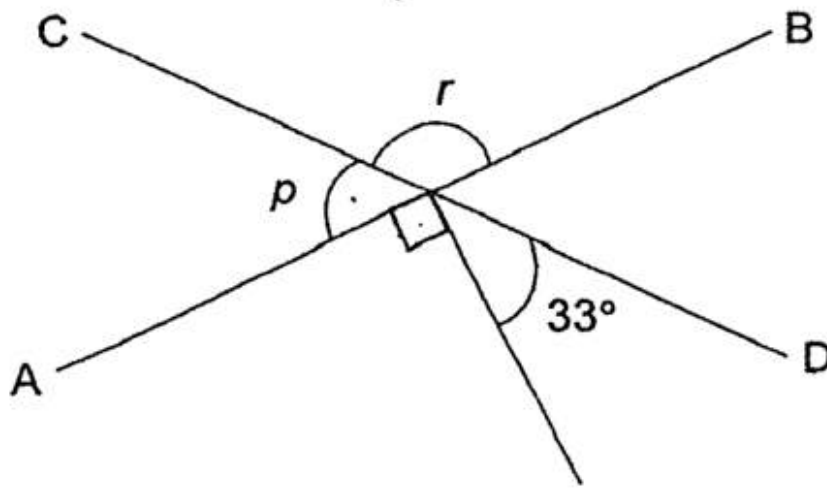
(a) point C is south-west of point _____.

b) point ___ is east of point F

In the figure, AB and CD are straight lines.

(a) Find $\angle p$.

(

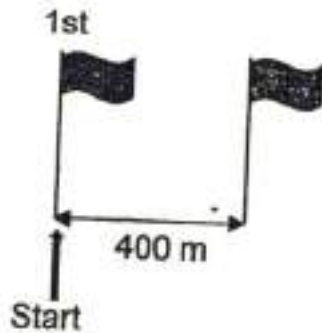


b) Find angle r

The average of two different 2 digit numbers is 43. What is the greatest possible difference between the two numbers?

At a Fun Run, one flag pole was placed at the starting point and one at the ending point. Flag poles were also placed at every 400 m along the route. A total of 12 flag poles were used. What was the length of the route?

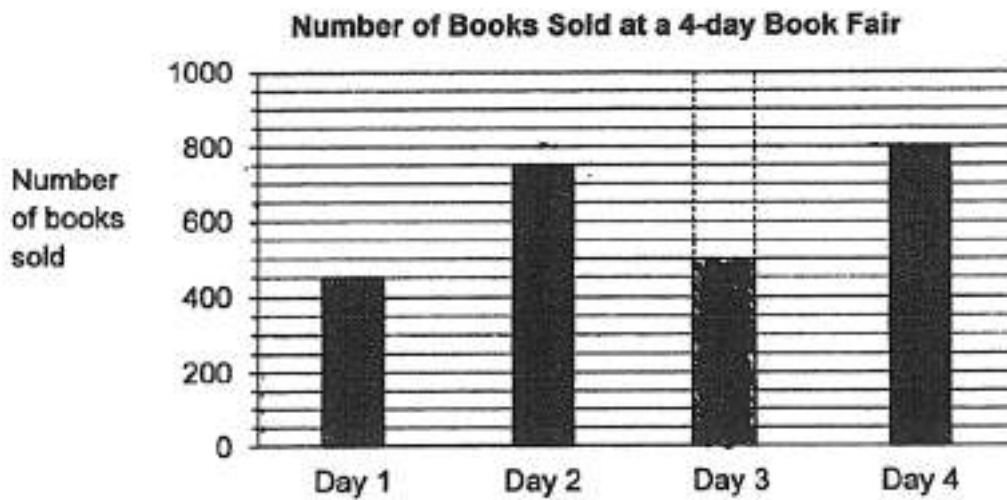
Express your answer as a decimal in kilometres.



Sharon is reading a book with 600 pages. She reads 240 pages in 8 days. At this rate, how many days will Sharon take to read the remaining pages?

Study the bar graph below and answer questions 28 and 29.

The bar graph shows the number of books sold at a book fair over 4 days.



$\frac{1}{5}$ of the books were sold on Day 3. Find the number of books sold on Day 3.

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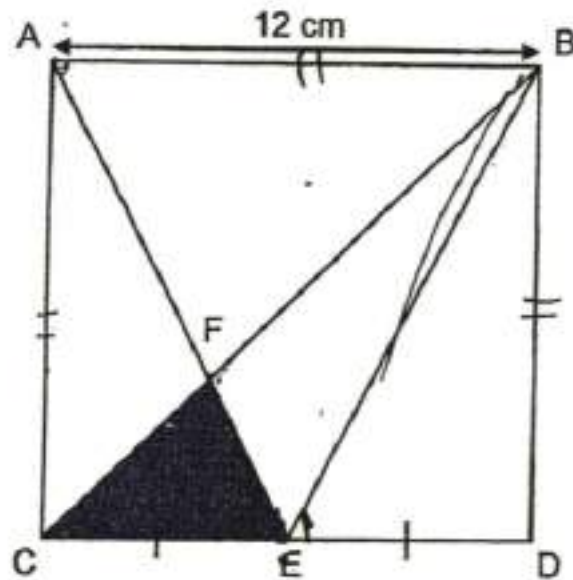
a) How many more books were sold on Day 4 than Day 1?

Question 33 of 59

b) Each book cost \$3 at the fair. How much was collected on Day 2?

ABDC

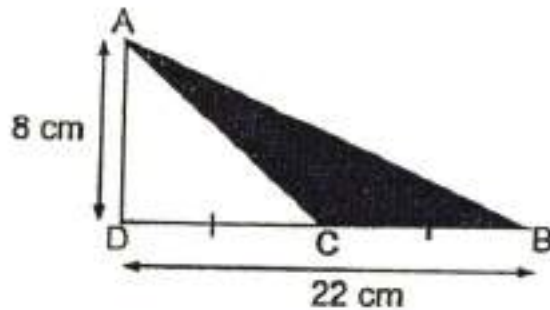
In the figure, ~~ABCD~~ is a square with sides 12 cm. $CE = ED$. The area of AFBEC is 60 cm^2 . Find the area of the shaded triangle CFE.



Question 35 of 59

Primary 5 Maths (Term 4) 2 pts

In the figure below not drawn to scale, DCB is a straight line and $DC = CB$. What is the area of the shaded triangle?

**Question 36 of 59**

Primary 5 Maths (Term 4) 2 pts

Diana bought 28 identical pens which cost \$1.60 each. She then had \$12.50 left. How much money did she have at first?

Question 37 of 59

Primary 5 Maths (Term 4) 2 pts

287 pupils and 12 teachers are out on a learning journey. What is the least number of buses needed if each bus can take a maximum of 30 passengers?

Question 38 of 59

Primary 5 Maths (Term 4) 2 pts

A candy machine makes lollipops at a rate of 28 pieces every 3 minutes. How many lollipops can it make in one hour?

Question 39 of 59

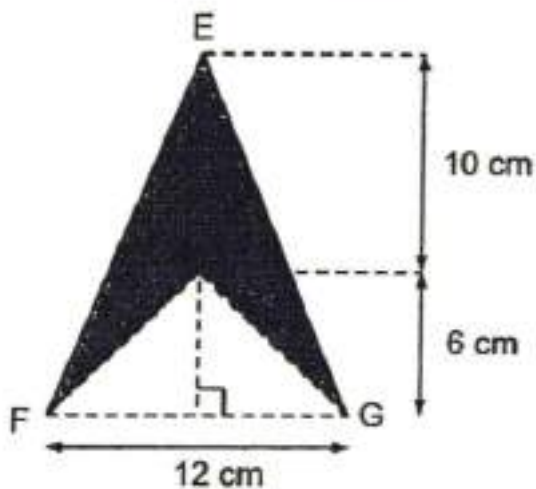
Primary 5 Maths (Term 4) 2 pts

Megan is 11 years old and her brother is 3 years old. In how many years' time will their total age be 48 years old?

Question 40 of 59

Primary 5 Maths (Term 4) 2 pts

In the figure below not drawn to scale, triangle FEG is cut out from triangle FEG. What is the area of the shaded part?

**Question 41 of 59**

Primary 5 Maths (Term 4) 2 pts

Mrs Tan paid \$151.20 for an equal number of pens and keychains. Each pen cost \$1.20. Each keychain cost \$1.80 more than a pen. How many pens did she buy?

Question 42 of 59

Primary 5 Maths (Term 4) 2 pts

Nicholas planned to buy 3 mangoes and 5 apples which cost \$14.20 altogether. However, he changed his mind and bought 6 mangoes and 7 apples instead. He paid \$25.10 for the fruits. How much did an apple cost?

Question 43 of 59

Primary 5 Maths (Term 4) 2 pts

The table below shows the charges for the entrance tickets to the Singapore Zoo.

	Price of ticket
Adult	\$35
Child	\$23

A tour group of 65 people paid a total of \$2047 to visit the Singapore Zoo. How many children were there in the tour group?

Question 44 of 59

Primary 5 Maths (Term 4) 2 pts

The average height of 2 boys is 1.52m. If 2 boys whose heights are 1.56m and 1.6m join the group, what is the new average height of all the boys?

Question 45 of 59

Primary 5 Maths (Term 4) 2 pts

The original price of a television is \$1350. Mr Lim bought the television at a discount of 20%. In addition, he had to pay 7% GST on the discounted price.

a) How much was the discount?

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Primary 5 Maths (Term 4) 2 pts

b) How much did Mr Lim pay for the television including GST?

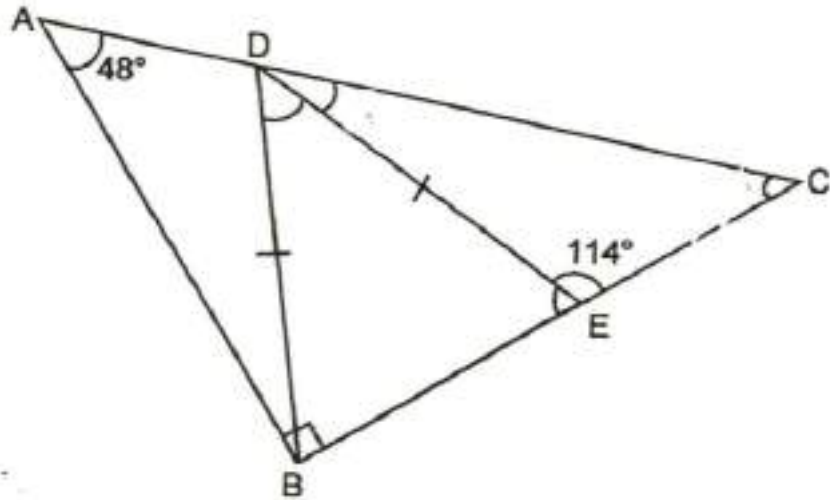
There are some pupils who will be performing at a Charity Concert. The ratio of the number of pupils singing to the number of pupils playing musical instruments to the number of pupils dancing is 8 : 5 : 3.

- (a) If there are 21 pupils dancing, how many pupils in total will be performing for the Charity Concert?
-

- b) How many more pupils will be singing than dancing for the Charity Concert?
-

The figure below is not drawn to scale. $\triangle ABC$ is a right-angled triangle.
 $BD = DE$. Find

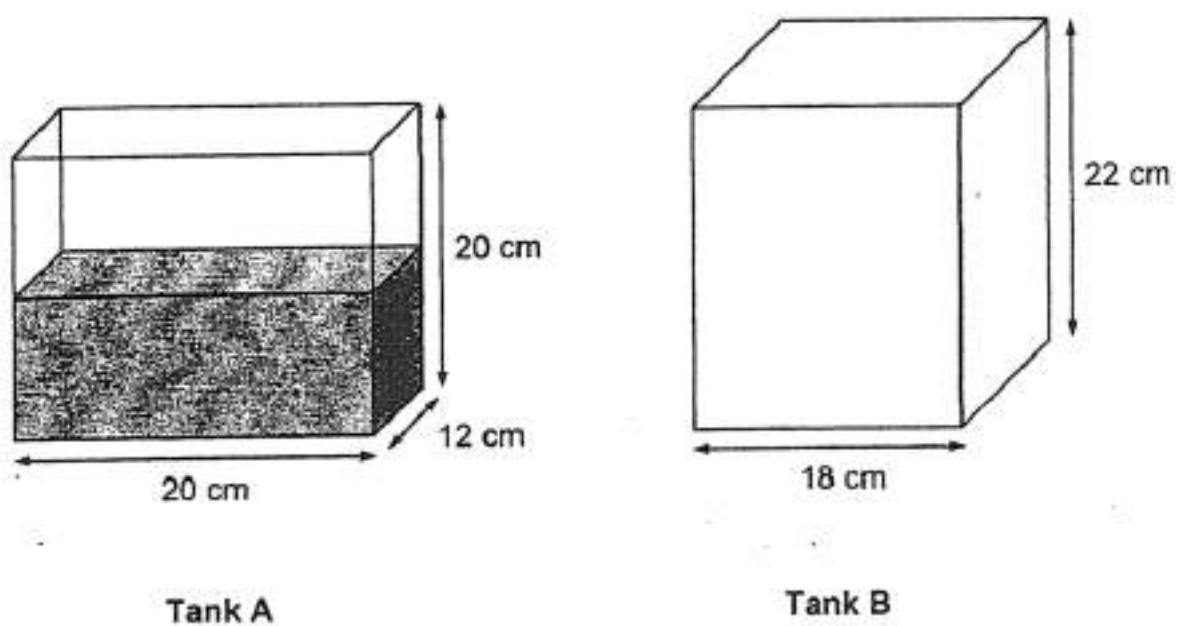
(a) $\angle BDE$



b) Find Angle EDC

Tank A measuring 20 cm long 12 cm wide and 20 cm high was $\frac{1}{2}$ filled with water. All the water in Tank A was then poured into Tank B with a square base of side 18 cm and a height of 22 cm.

- (a) How much water was there in Tank A at first? Give your answer in millilitres.



- b) After all the water in Tank A had been poured into Tank B, how much more water is required to fill Tank B to the brim? Give your answer in millilitres

Question 53 of 59

Primary 5 Maths (Term 4) 2 pts

Alice, Betsy and Cheryl shared some stickers. The ratio of the number of stickers Alice had to the total number of stickers Betsy and Cheryl had was 6 : 5. Alice had twice the number of stickers Betsy had and 24 more stickers than Cheryl.

- (a) What is the ratio of the number of stickers Alice had to the number of stickers Betsy had to the number of stickers Cheryl had?

Question 54 of 59

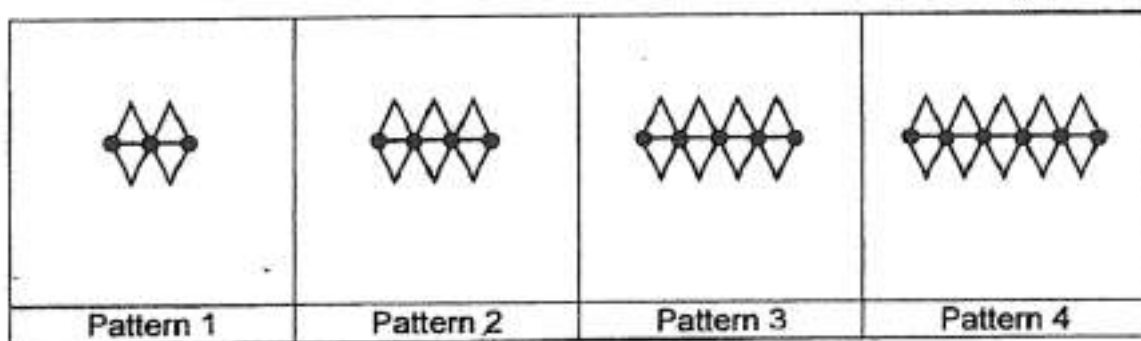
Primary 5 Maths (Term 4) 2 pts

- b) How many stickers did they have altogether?

Question 55 of 59

Primary 5 Maths (Term 4) 2 pts

Some triangles and dots are used to form the patterns below.



- (a) What is the number of dots in Pattern 5?

What is the number of triangles in Pattern 12? $n \times 2 + 2$

What is the total number of triangles and dots in Pattern 20?

Mr Tan baked 48 more chocolate^C cupcakes than blueberry^B cupcakes.
After he sold $\frac{1}{4}$ of the chocolate cupcakes and $\frac{1}{2}$ of the blueberry cupcakes,
he had 211 chocolate and blueberry cupcakes left altogether.

a) How many chocolate and blueberry cupcakes did he sell altogether?

b) How many chocolate cupcakes did Mr Tan bake at first?
