



NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2 - 2008
PRIMARY 4
MATHEMATICS

Section A: 20 Multiple Choice Questions (40 marks)

Section B : 20 Short Answer Questions (40 marks)

Section C: 5 Long Answer Questions (20 marks)

Total Time for paper : 1 hour 45 minutes

INSTRUCTION TO CANDIDATES

1. Write your Name and Index Number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1 -20.

Marks Obtained

Section A		/40
Sections B & C		/60
Total		/100

Name: _____ ()

Class: 4 ()

Date: 24 October 2008

Parent's Signature: _____

Section A (20 x 2 marks)

For each question, 4 options are given, only one of them is correct. Make your choice (1, 2, 3 or 4) and shade the correct oval in the optical answer sheet.

1) The value of the digit 8 in 48 512 is _____

- (1) 8
- (2) 80
- (3) 800
- (4) 8 000

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2) Which of the following is a multiple of 7?

- (1) 17
- (2) 21
- (3) 24
- (4) 27

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3) In which one of the following sets are the numbers arranged from the smallest to the greatest?

- | | (smallest) | | (greatest) |
|-----|-------------|--------|------------|
| (1) | 1 132, | 1 032, | 1 320 |
| (2) | 1 032, | 1 132 | 1 320 |
| (3) | 1 320 | 1 132, | 1 032 |
| (4) | 1 032, | 1 320, | 1 132 |

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4) Which one of the following is a factor of both 12 and 40?

- (1) 52
- (2) 28
- (3) 6
- (4) 4

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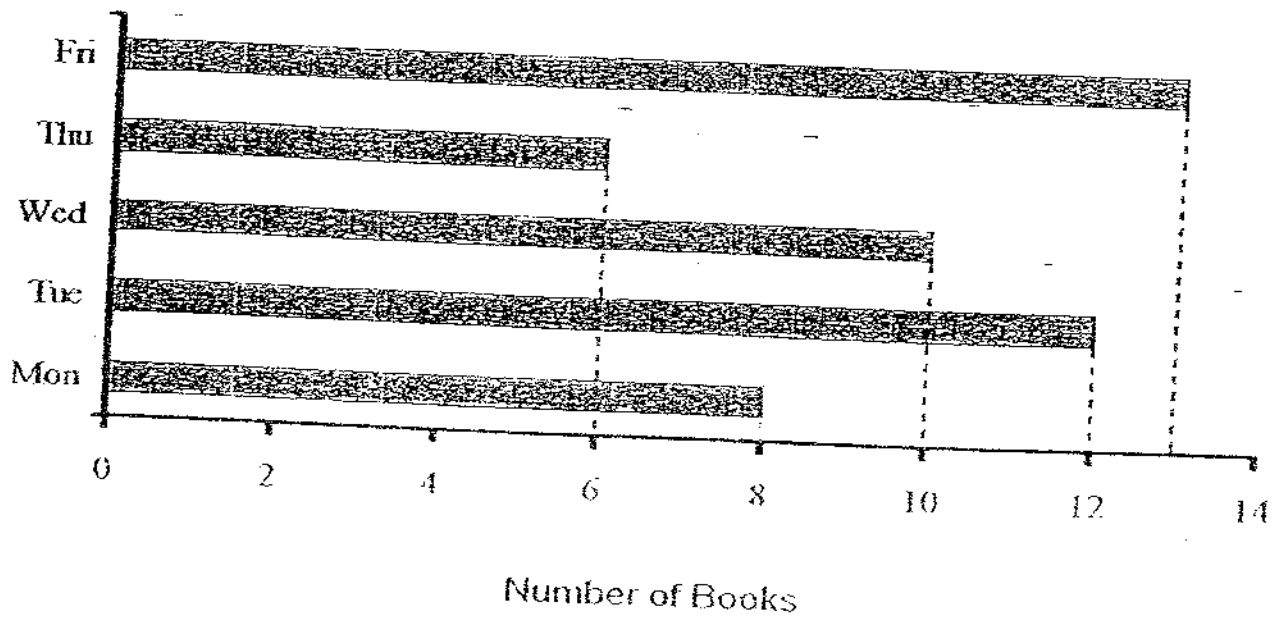
5) 3 kg 24 g of sugar is packed into 4 ^{packets} packs.

What is the mass of each packet in ^{grams} grammes?

- (1) 81 g
- (2) 756 g
- (3) 801 g
- (4) 810 g

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6) The bar graph below shows the number of books read by a class of pupils from Monday to Friday.



On which day has the class read twice the number of books as on Thursday?

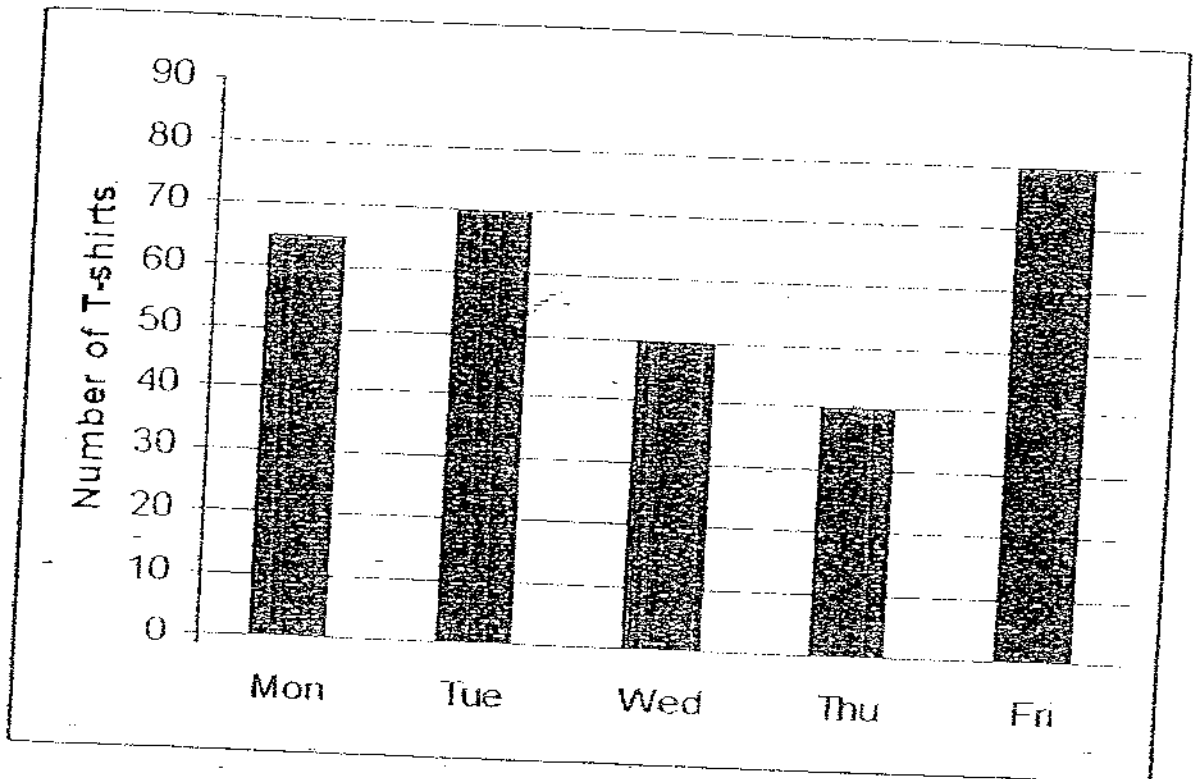
- (1) Monday
- (2) Tuesday
- (3) Wednesday
- (4) Friday

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below

Use the graph above to answer Questions 7 & 8.

The graph shows the number of T-shirts sold by Mr. Ong from Monday to Friday.



7) How many T-shirts did Mr Ong sell from Tuesday to Thursday?

- (1) 135
- (2) 155
- (3) 160
- (4) 305

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8) On which 2 days was the decrease in sales the biggest?

- (1) Monday and Tuesday
- (2) Tuesday and Wednesday
- (3) Wednesday and Thursday
- (4) Thursday and Friday

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9) How many one-tenths are there in 2 wholes?

- (1) 1
- (2) 2
- (3) 10
- (4) 20

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10) The digit 2 in 35.12 stands for 2 _____

- (1) ones
- (2) tens
- (3) tenths.
- (4) hundredths

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11) $1.35 \times 8 =$ _____

- (1) 8.35
- (2) 9.35
- (3) 10.8
- (4) 12.8

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12) A square has an area of 36 cm^2 .
Find its perimeter.

- (1) 16 cm
- (2) 18 cm
- (3) 24 cm
- (4) 36 cm

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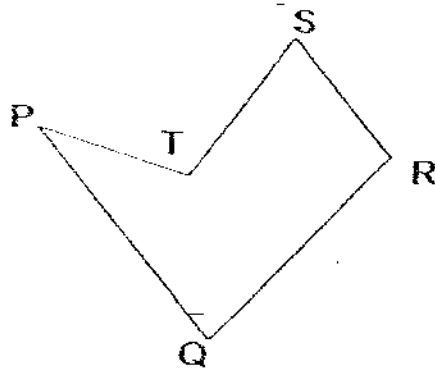
- 13) Mr. Ong flew from Singapore to Perth for a meeting.
 He arrived in Perth at 03 20 on Tuesday.
 At what time on Monday did he leave Singapore if his flight took 4 h 40 mins?

- (1) 22 20
- (2) 22 40
- (3) 23 20
- (4) 23 40

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- 14) One of the lines in the figure is parallel to PQ. Which line is parallel to PQ?

- (1) QR
- (2) ST
- (3) PT
- (4) SR



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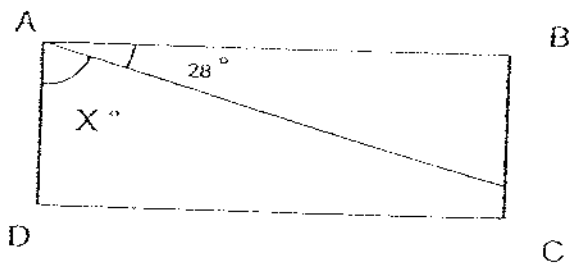
- 15) Mary used $\frac{1}{5}$ of a ribbon to tie a parcel.
 After that she gave $\frac{3}{4}$ of the remainder to her friend.

What fraction of the ribbon was left ?

- (1) $\frac{1}{5}$
- (2) $\frac{3}{4}$
- (3) $\frac{11}{20}$
- (4) $\frac{19}{20}$

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- 16) ABCD is a rectangle. Find $\angle x$.



- (1) 82°
- (2) 72°
- (3) 62°
- (4) 56°

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- 17) Find the value of $\frac{5}{12} - \frac{1}{3}$

- (1) $\frac{6}{15}$
- (2) $\frac{4}{9}$
- (3) $\frac{1}{6}$
- (4) $\frac{1}{12}$

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- 18) A pole is 120 cm long.

$\frac{3}{4}$ of it is buried underground.

What is the length of the pole above ground?

- (1) 15 cm
- (2) 30 cm
- (3) 45 cm
- (4) 60 cm

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19) Ali has \$132.

If he gives \$22 to his sister, they will have the same amount of money.

How much does Ali's sister have at first?

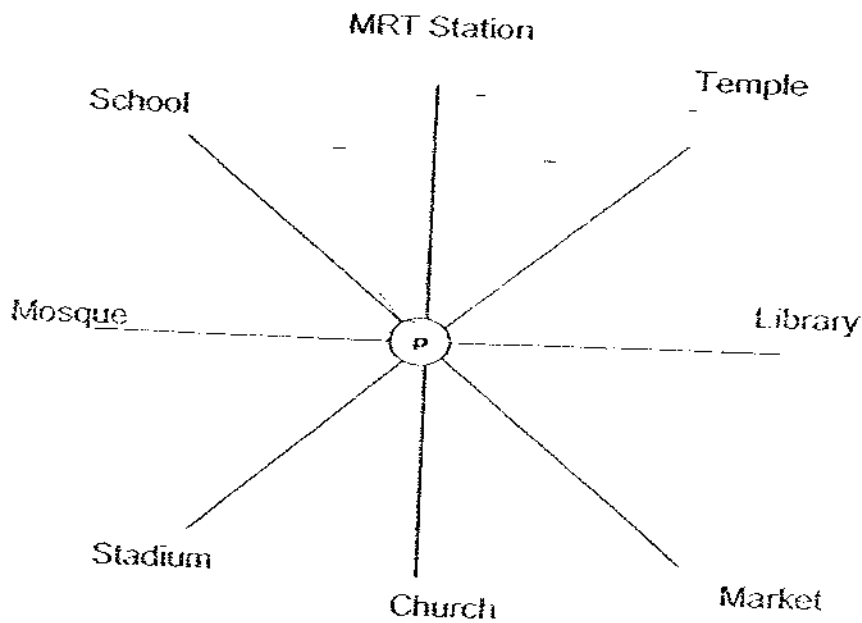
- (1) \$88
- (2) \$110
- (3) \$124
- (4) \$154

20) Peter is standing in the centre at point P.

He is facing the school.

He makes a 135° anti-clockwise turn.

What will he be facing now?



- (1) Church
- (2) MRT Station
- (3) Stadium
- (4) Market

Section B (20 x 2 marks)

For each of the following questions, write the correct answers in the boxes provided.

21) Round off 78 499 to the nearest hundred.

Ans : _____

22) Express $\frac{81}{100}$ as a decimal.

Ans : _____

23) $9.2 - 0.85 =$ _____

Ans : _____

24) Round off 16.58 to the nearest whole number.

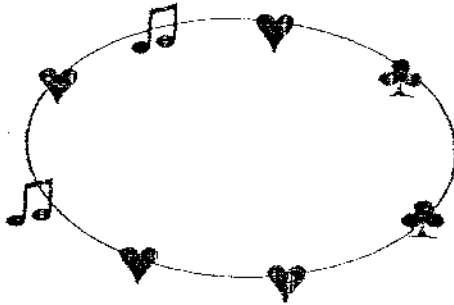
Ans : _____

25) Write $\frac{16}{7}$ as a mixed number in its simplest form.

Ans : _____

26) What fraction of the shapes shown in the bracelet are ♥?

Express your answer in the simplest form.



Ans : _____

27) I am an even number.
I am between 30 and 39.
One of my factors is 8.
What number am I?

Ans : _____

28) How many times does the digit '7' appear from 50 to 80?

Ans : _____ times

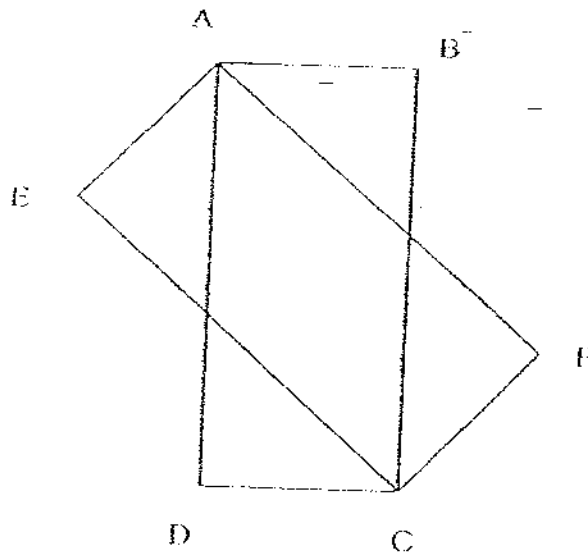
29) ♠ + ♪ = 42

♠ - ♪ = 12.

What is the value of ♠ ?

Ans : _____

- 30) Look at the 2 rectangles.
Which line is perpendicular to AD?



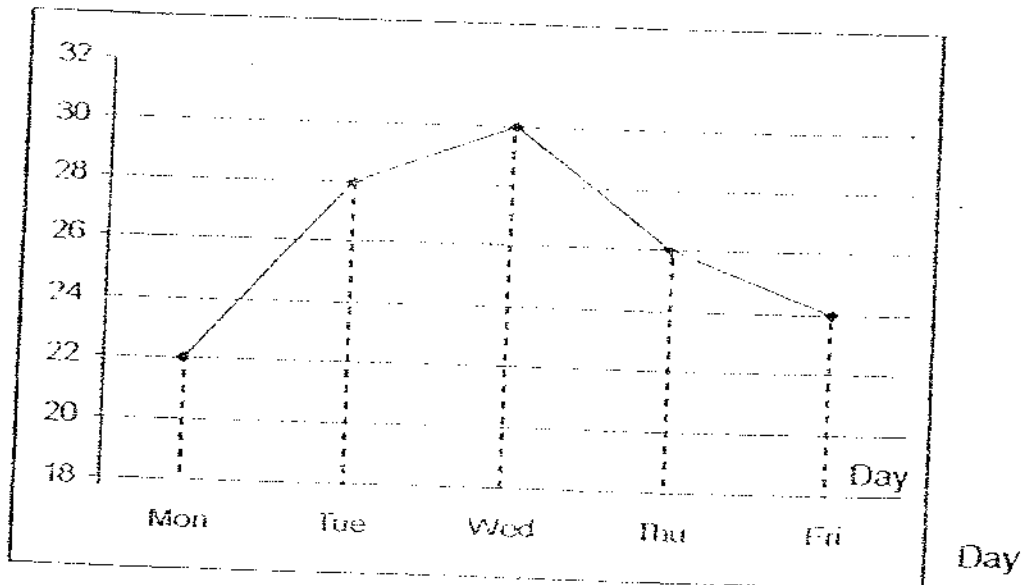
Ans : _____

- 31) Peter and John have the same amount of money.
 After Peter had spent \$15 and John had spent \$9, the amount of money John had left was 3 times the amount of money that Peter had left.
 How much did each of them have at first?

Ans : \$ _____

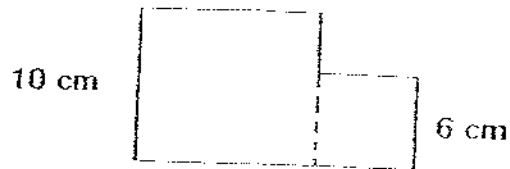
- 32) The line graph shows the temperature of a city over a period of 5 days.
 Find the difference in temperature between the highest and the lowest temperature for the whole week.

Temperature
 in °C



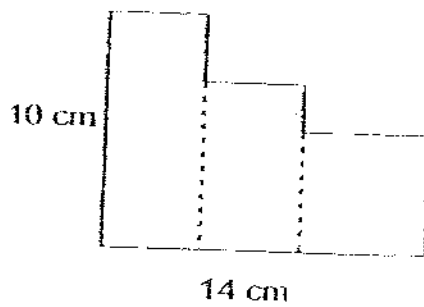
Ans : _____ °C

- 33) The figure ^{is} made up of 2 squares of sides 10 cm and 6 cm as shown.
Find the total area of the figure.



Ans : _____ cm^2

- 34) Find the perimeter of the figure which is made up of 2 rectangles and 1 square.



Ans : _____ cm

35) A hawker sold $\frac{2}{3}$ of his curry puffs in the morning.

He sold $\frac{1}{6}$ of them in the afternoon.

He sold 200 curry puffs altogether.

How many curry puffs had he left?

Ans : _____ curry puffs

36) A housewife goes to a market to buy some apples.

She wants to buy exactly 12 apples.

What is the minimum amount she has to pay?

A bag of 5 apples	\$3.20
An apple	60 ¢

Ans : \$ _____

37) 2 bags of sugar and 1 packet of biscuits cost \$18.

If each packet of biscuits cost \$3 more than each bag of sugar, find the cost of a ~~packet~~^{bag} of sugar.

Ans : \$ _____

38) At a weekend, Ali spent a total of 3 h 25 min on 3 sets of homework.

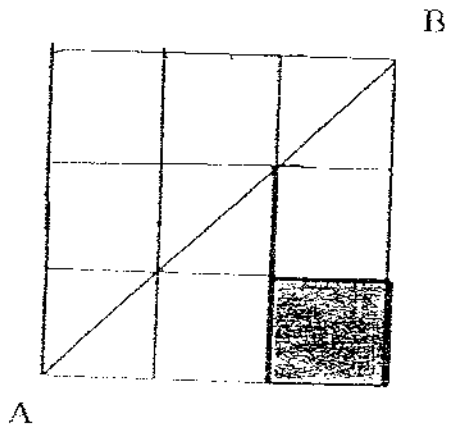
He took 50 minutes to do his English Homework and 1h 15 min to do a Science Project.

How long did he take to do his last set of homework which is, Art Homework?

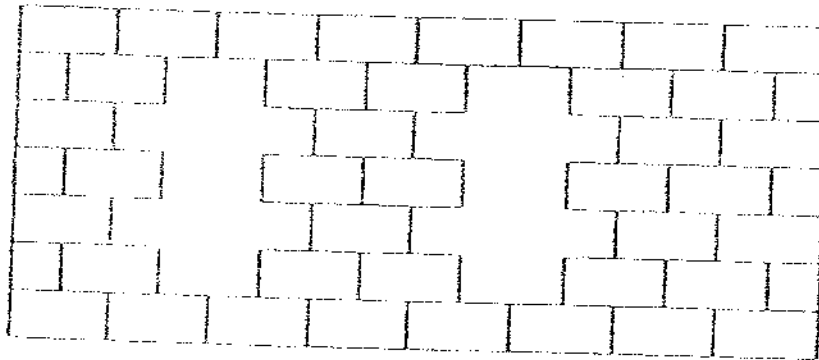
Express your answer in minutes.

Ans : _____ min

- 39) Complete the pattern given below such that it has line AB as its line of symmetry.



- 40) How many bricks have been removed from the wall?



Ans : _____ bricks

Section C (5 x 4 marks)

Answer all the questions.

All number statements, sentences and workings must be clearly shown.

41) Mr. Chong took 4 pupils from Primary 4E to the zoo.

He paid a total of \$76 for the entrance fees.

If the entrance fee for Mr Chong was \$28, what was the entrance fee of each pupil?

42) Kelvin has $\frac{2}{5}$ of what Jiahua has.

If Kelvin has \$ 1 260 how much does Jiahua have?

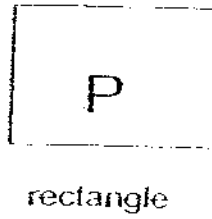
- 43) A bicycle has 2 wheels.
A car has 4 wheels.
There are 14 cars and bicycles altogether.
There are 48 wheels altogether.
How many cars are there?

44) Rectangle P and Square R have the same perimeter.

The side of the square is 8 cm.

The length of the rectangle is 2 cm longer than the side of a ^{the} square.

Find the breadth of the rectangle



- 45) Stick A is 9 cm longer than Stick B. $\frac{2}{3}$ the length of Stick B is equal to half the length of Stick A. What is the length of Stick B?

End of Paper. Please check your work carefully.

ANSWER SHEET

EXAM PAPER 2008

SCHOOL : NAN HUA PRIMARY SCHOOL
 SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA 2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
4	2	2	4	2	2	3	3	4	4	3	3	2	4	1	2	4

Q18	Q19	Q20
2	1	1

21) 78500

22) 0.81

23) 8.35

24) 17

25) $22/7$

26) $1/2$

27) 32

28) 13 times

29) 27

30) DC

31) \$18

32) 8°C

33) 136 cm²

34) 48 cm

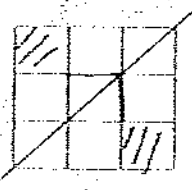
35) 40

36) \$7.20

37) \$5

38) 80 min

39)



40) 14

41) $\$76 - \$28 = \$48$

$\$48 \div 4 = \12

The entrance fee of each pupils was \$12.

42) $\$1260 \div 2 = 630$

1 unit \rightarrow \$60

$5 \times 630 = \$3150$

43) There are 10 cars.

44) square perimeter = $8 \times 4 = 32 \text{ cm}$

Length of rectangle = $8 \text{ cm} + 2 \text{ cm} = 10 \text{ cm}$

$10 \text{ cm} \times 2 = 20 \text{ cm}$

$32 \text{ cm} - 20 \text{ cm} = 12 \text{ cm}$

$12 \text{ cm} \div 2 = 6 \text{ cm}$

The breadth of the rectangle is 6 cm.

45) $9 \text{ cm} \times 2 = 18 \text{ cm}$

$18 \text{ cm} \times 2 = 36 \text{ cm}$

$36 \text{ cm} - 9 = 27 \text{ cm}$

Stick B is 27 cm.