คำชี้แจง : ทำข้อสอบเวลา 12.30 – 14.30 น.โดยเขียนคำตอบในกระดาษเขียนตอบ ทดในตัวข้อสอบ และนำข้อสอบกลับบ้านได้

1

Mike and Nick had an equal number of candles.

After Mike used 24 candles, Nick had 4 times as many candles

as Mike. How many candles did Nick have?

2

Jenny sold twice as many blue pens as red pens and twice as many

red pens as green pens. If each pen cost 13 baht and she sold 72

blue pens, how much did Jenny earn from the sale all pens?

3

Kim had to arrange some chairs in a fixed number of rows.

He estimated that there were more than 60, but less than 80 chairs.

If he put 9 chairs in each row, he would be 6 chairs short.

If he put 8 chairs in each row, he would have 3 chairs left.

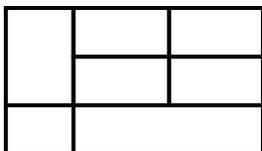How many chairs were there?

4

Jom , Nick and John decided to have a race one day.

1. Jom did not come in first.

2. Nick was neither the first nor the last one to finish the race.

3. John is shorter than Jom.

Who was the 1st , 2nd and 3rd in the race?

5

How many rectangle are there?

6

Box A was 18 kg heavier than box B.

When 3 kg of the items in box A were removed, the mass of box A

became four times as much as box B.

What was the mass of box A in the beginning?

7

Six years ago, the age of Prim's mother was 3 times that of her age.

How old is Prim now if her mother is 45 years old now?

8

Nid had three times as many beads as Noy.

They had 124 beads altogether.

Nan gave an equal number of beads to each of them.

Noy then had half the number of beads that Nid had.

How many beads did Nan give to Noy?

9

A tank is $\dfrac{8}{11}$ filled with water.

If 42 liters more water are needed to filled the tank completely,

Find the capacity of the tank.

10

An art club has 113 members altogether.

The number of women is 29 more than the number of men.

How many women are there in the art club?

11

Jim paid 87 baht for 4 similar pencils and a notebook.

The notebook cost 12 baht more than each pencil.

What was the total cost of a pencil and a notebook?

12

Jim and John had 680 baht altogether.

After Jim had spent 85 baht and John had spent 165 baht,

the amount of money both boys has was the same.

How much money did John have at first?

13

When Dom is 27 years old, his sister is 17 years old and his father is 61 years old. How old will Dom's sister be when Dom is half his father's age?

14

The first box contains 248 beads.

The second box contains 168 beads.

How many beads must you transfer from the first box to the

second box so that the number of beads in the second box is

7 times that of the first box?

15

Beem and Bom had a total 150 stamps.

When Bom gave Beem $\frac{1}{3}$ of his stamps and Beem sold 30 of his

stamps, Beem had twice as many stamps as Bom.

How many stamps did Beem have at first?

16

Pam had 191 baht and Prim had 73 baht.

How much money must Pam give to Prim so that Pam has

32 baht more than Prim?

17

Kim had 5 times as many ten-baht coins as five-baht coins

and had 4 times as many five-baht coins as two-baht coins.

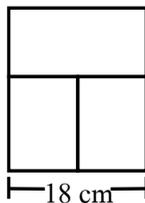If he had 24 five-baht coins,

how much money did he have altogether?

18

A pencil and two erasers cost 42 baht.

A pencil costs 12 baht more than an eraser.

Find the cost of 1 pencil and 1 eraser.

19

John is 30 years old. Jom is 27 years old and Jim is 39 years old.

In how many years'time will the sum of all their age be 150?

20

The figure below is made up of 3 equal rectangles.
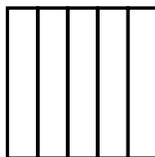
Find the total area.

18 cm

21

Jack has 240 baht. James has 180 baht. How much money must

Jack give to James so that the amount of money James has is

4 times more than what Jack has?

22

A square is divided into 5 similar rectangles.

The perimeter of each of the five similar rectangles is 108 cm.

What is the area of the square?

23

Nick and Kim had 800 baht altogether. After Nick had spent

120 baht and Kim had spent 145 baht, the amount of money

Nick had was 55 baht more than what Kim had.

How much money did each boy have at first?

24

Mike is 10 years old. His mother is 48 years old.

In how many years'time will his mother be 3 times as old as Mike?

25

270 oranges are to be divided into 3 boxes.

The first box has 3 times more oranges than the second box.

The number of oranges in the third box is 4 times that of the

second one. Find the number of oranges in each box?

26

A road, 720 m long, is to be planted with trees at an interval of

12 m. How many trees can be planted if trees are planted at both

ends of the road as well?

27

Nan had a total of 96 balloons.

There were three times as many yellow as red balloons, twice as

many pink as red balloons. What was the total number of red and

yellow balloons that Nan had?

28

It takes Ken 12 minutes to saw a piece of wood into 3 equal lengths.

If Ken saw the same piece of wood into 20 equal lengths,

how long does Ken take?

29

A string of numbers use arraged in the following pattern.

$9 , 5 , 8 , 7 , 9 , 5 , 8 , 7 , 9 , 5 , 8 , 7 , 9 , 5 , …$

What is the digit of the 119th number?

30

There were 60 more pens in box A than box B.

There were $\frac{2}{3}$ as many pens in box C as in box A.

When half of the pens in box B were sold, there were 90 pens

left in box B. How many pens were there in three boxes at first?