



ข้อสอบแข่งขัน



MATH ENG ครั้งที่ 1 / 2558

ระดับชั้นประถมศึกษาปีที่ 5

สอบวันเสาร์ที่ 10 ตุลาคม พ.ศ. 2558

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วันอาทิตย์ที่ 1 พฤศจิกายน พ.ศ.2558

รับรางวัล วันเสาร์ที่ 19 ธันวาคม พ.ศ.2558

ณ หอประชุมพิมานเนครุ เวลา 9.30 - 12.00 น.

คำชี้แจง : ทำข้อสอบเวลา 13.00 - 15.00น.โดยเขียนคำตอบในกระดาษเขียนตอบ
ทดในตัวข้อสอบ และนำข้อสอบกลับบ้านได้

1

Sompong bought 3 similar of books and 4 similar of pens for 345 baht. If each pen cost $\frac{2}{5}$ as much as each book. What was the price of each pen?

2

The cost of a book and 2 pens is 110 baht. The cost of 3 books and 4 pens is 300 baht. If Ploy buys 5 books and 3 pens, how much money did she spend ?

3

Nick and Dan shared 237 stamps. After Nick gave Dan 46 stamps, he had twice as many stamps as Dan. How many stamps did Dan have at first ?

4

Prim is 22 years old and Ploy is 6 years old. In how many years'time will Prim's age be twice the age of Ploy ?

5

Mavin spent $\frac{5}{9}$ of his money on a book and 4 pens. He spent $\frac{3}{8}$ of the remainder on a ruler which cost 24 baht. How much money did Mavin have at first ?

6

After reading $\frac{3}{7}$ of a book on Monday, $\frac{5}{8}$ of the remainder on Tuesday and 37 pages on Wednesday, Nan still had to read 26 pages of the book. How many pages did she read on Tuesday?

7

Nid, Nan and Noy were sold some eggs. Each egg cost 6 baht.
 Nid sold $\frac{1}{5}$ of the eggs. Nan and Noy sold the remaining eggs
 in the ratio 3:5. If Nid sold 50 eggs, how much money did Nan
 collect ?

8

During a sale, Mami bought a watch at $\frac{5}{8}$ of its normal price.
 She then had 130 baht left. If she had bought the watch at its
 normal price, she would be short of 50 baht.
 What was the normal price of the watch ?

9

Patty saved 267 baht more than Joy. $\frac{2}{5}$ of Joy's savings was the
 same as $\frac{1}{4}$ of Patty's savings.
 How much money did Joy and Patty save altogether?

10

At a tennis match, there were 4 times as many men as women and twice as many men as boys. $\frac{3}{7}$ of the children were girls. If there were 78 girls, how many adult were there?

11

John spent $\frac{1}{4}$ of his money on a pair of shoes and $\frac{1}{8}$ on a shirt. He then saved $\frac{3}{5}$ of the remaining money. The rest of the money was divided equally among his 4 sons. If each son received 350 baht, how much money did John have at first ?

12

The total mass of Jin and Joy was 113 kg.
If Joy lost $\frac{1}{8}$ of her mass, she would 42 kg.
What was the mass of Jin?

13

Dan and Nick shared 300 beads. When Dan gave Nick $\frac{2}{5}$ of his beads, Nick had three times as many beads as Dan.

How many beads did Nick have at first ?

14

A wire was cut and $\frac{2}{5}$ of it was bent to form a rectangle.

The remaining length of the wire was bent to form a square.

The area of the square was 144 cm^2 . What was the perimeter of the rectangle ?

15

Ploy could buy 7 pens and 5 rulers with all her money.

She decided to buy 4 pens and 3 rulers. She then had 78 baht left.

If a ruler cost $\frac{2}{3}$ of the price of a pen, how much money did Ploy have at first ?

16

A square of paper has an area 324 cm^2 while a rectangular of paper with a length of 25 cm has an area of 575 cm^2 . What is the ratio of the length of the square of paper to the breadth of the rectangular of paper ?

17

Mami had 150 beads in 3 boxes A,B and C. If she moved 11 beads from box A to box B, 18 beads from box B to box C and 23 beads from box C to box A, there would be an equal number of the beads in each box. How many beads were there in box A at first ?

18

There were $\frac{4}{7}$ as many pens in box A as in box B. $\frac{3}{8}$ of the pens in box A were sold and $\frac{5}{14}$ of the pens in box B were sold.

There were then 70 pens altogether in both boxes.

How many pens were there in box B at first ?

19

In a shop, there are 13 bicycles and tricycles.

There are 30 wheels in all.

What is the number of tricycles in the shop ?

20

Pom had 30 coins. Some of them were ten-baht coins and the rest were five-baht coins. If the total amount of money was 230 baht, how many five-baht coins did Pom have ?

21

Prim had 2,500 baht and Joy had 1,900 baht. After both of them spent an equal amount of money, Prim had four times as much money as Joy. How much money did each of them spend?

22

Kim earn 700 baht for every computer he sells. He earn an additional 3,000 baht for every 10 computers he sells. If Kim earn 23,500 baht, how many computers does he sell ?

23

Somwong bought 3 pens and 7 erasers for 135 baht.
The pen cost 24 baht each. What was the total cost of 4 pens and 5 erasers?

24

The ratio of Pong age to his father's age is 3:10. Pong is 21 years younger than his father. How old is Pong now ?

25

The ratio of Dang age to Nan age is 3:5 . If in next four years, their average age was 32 years, how old is Dang now ?

26

The ratio of the number of blue pens to the number of red pens in a box is 4:3. The ratio of the number of red pens to the number of black pens is 4:5. What is the ratio of the number of blue pens to the number of black pens ?

27

The ratio of John's saving to Nick's saving is 3:8. The ratio of Nick's saving to Mavin's saving is 2:3. If they have a total saving of 230 baht, how much money does Nick save ?

28

Alisa and Somkid shared some beads in the ratio 7:3.
Alisa gave half of her beads to Somkid. Somkid then had 48 more beads than Alisa.
How many beads did Alisa give to Somkid ?

29

The ratio of the number of Marisa's pens to the number of Manee's pens was 4:7. After mother gave Marisa another 8 pens, the ratio became 2:3. How many pens did Manee have?

30

The ratio of the number of Pat's beads to the number of Mike's beads was 7:3. After Pat bought another 20 beads and Mike sold 10 beads, $\frac{5}{6}$ of Mike's beads were left. What is the new ratio of the number of Pat's beads to the number of Mike's beads?