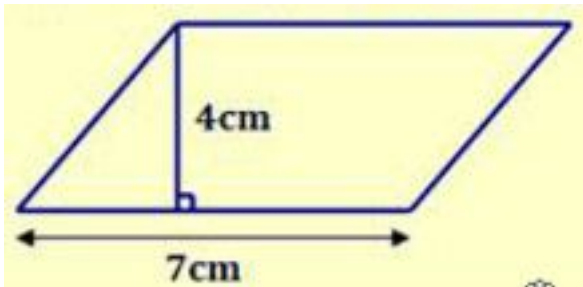# Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 1 năm 2015 - 2016

Question 1: Choose the most suitable answer in 4 available answers.

Question 1.1: The value of 85 x 46 + 54 x 85 is ....

A. 485   B. 5464   C. 8446   D. 8500

Question 1.2: The area of the parallelogram below is .... cm^2.

A. 7   B. 8   C. 28   D. 14

Question 1.3: Add: 2/7 + 3/7 = ...

A. 5/7   B. 4/7   C. 6/7   D. 8/7

Question 1.4: Convert: 2km^2 = ...m^2.

A. 200 000   B. 20 000   C. 2 000   D. 2 000 000

Question 5: Find x such that: x + 3/5 = 5/2

A. 2/5   B. 19/10   C. 8/5   D. 8/10
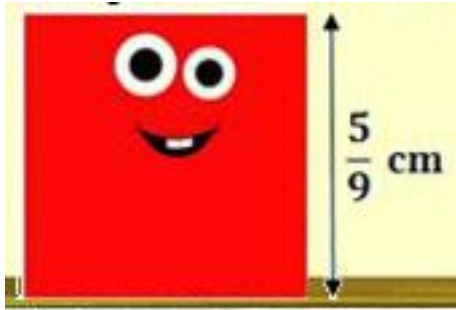
Question 1.6: The sum of two numbers is 79 and their difference is 13. What is the smaller number?

A. 23   B. 33   C. 46   D. 53

Question 1.7: Which image matchs the following fraction? 2/5

A.

B.

B. C.

D.
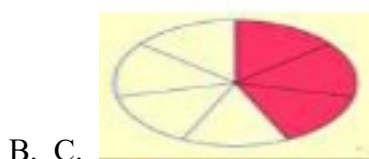
Question 1.8: The perimeter of the square below is .... cm.

A. 25/81   B. 41/9   C. 9/9   D. 20/9

Question 1.9: How many numbers between 65 and 121 are divisible by 8?

A. 48   B. 6   C. 7   D. 8

Question 1.10: 2/5 of the trees in a garden is red apple trees. Others are green apple trees. There are 60 green apple trees. How many apple trees are there in the garden altogether?

A. 120   B. 150   C. 100   D. 130

Question 2: Let's reach the intellectual peak by answering the questions.

Question 2.1: In 235468, the value of the digit in the hundreds place is: ....

Question 2.2: 1/4 kg = ...g.

Question 2.3: The ratio of two numbers is 3 : 5 and their sum is 104. Find their difference.

Question 2.4: The area of a square of side 5cm is .... cm^2.

Question 2.5: The greatest 5 - digit number that divisible by 18 is ....

Question 2.6: Calculate: 2 + 4 + 6 + ... + 96 = ...

Question 2.7: Look at this series: 62; 62; 50; 50; 38; 38; ...... What number should come next?

Question 2.8: What is 7/12 of 144?

Question 2.9: Of the 28 goats on Jack's farm, 3/7 are white. How many white goats are on the farm?

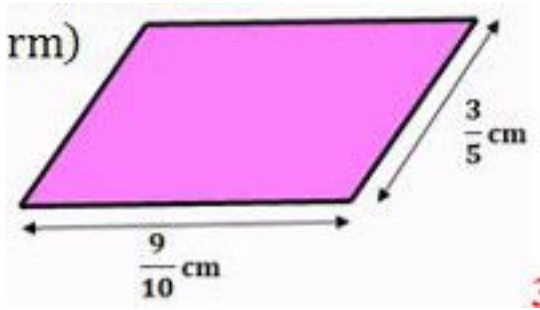Question 2.10: Calculate: 3456 x 4 = ...

Question 2.11: Convert: 400000cm² = ...m².

Question 2.12: There are forty pieces of fruits on the table. Twenty four of them are oranges, others are apples. How many pieces of fruits are apples?

Question 2.13: ...../9 = 48/108. The missing number is ....

Question 2.14: The perimeter of the parallelogram below is .... cm.

Write your answer in the simplest form.

Question 2.15: There are 35 men and a some of women in a meeting room. The ratio of the number of women to the number of men is 7 : 5. How many women are there in the meeting room?

Question 2.16: The sum of odd numbers from 12 to 42 is ....

Question 2.17: If 37a54b is divisible by 2; 3; 5 and 9 then a + b = ...

Question 2.18: For every 8 hours of work, John earns $136. If John works 30 hours, how much will he earn?

Question 2.19: The sum of two numbers is the smallest 3-digit number and their difference is the smallest 2-digit number?

Question 2.20:

$$\frac{484848}{323232} = \frac{6 \times ...}{72}$$

The missing number is ....

ĐÁP ÁN

Question 1: Choose the most suitable answer in 4 available answers.

Question 1.1: D	Question 1.5: B
Question 1.2: C	Question 1.6: B
Question 1.3: A	Question 1.7: C
Question 1.4: D	Question 1.8: D

Question 1.9: C   Question 1.10: C

Question 2: Let's reach the intellectual peak by answering the questions.

Question 2.1: 400   Question 2.8: 84   Question 2.15: 49

Question 2.2: 250   Question 2.9: 12   Question 2.16: 405

Question 2.3: 26   Question 2.10: 13824   Question 2.17: 8

Question 2.4: 25   Question 2.11: 40   Question 2.18: 510

Question 2.5: 99990   Question 2.12: 16   Question 2.19: 55

Question 2.6: 2352   Question 2.13: 4   Question 2.20: 18

Question 2.7: 26   Question 2.14: 3

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 10 năm 2015 - 2016

Exam number 1: Fill in the blank with the suitable number

Question 1: 0.6 hour = ... minutes.

Question 2: 12 hours 24 minutes x 2 = ... hours.

(Write your answer by decimal in the simplest form)

Question 3: 51 hours = ... days.

(Write your answer by decimal in the simplest form)

Question 4: 5 minutes 27 seconds : 3 = ... seconds.

Question 5: How fast is Anna going if she runs 8 miles in the park in only 2 hours?

Question 6: How fast is Jack going if the train he is on travels 20 miles in just 6 minutes?

Question 7: How far will Mary travel if she rides her motorbike for 24 minutes at a speed of 75 miles/hour?

Question 8: Yesterday Peter roller skated for 2.5 hours at a speed of 6 km/h. How many kilometers did he skate?

Question 9: The area of a rectangle ABCD is 56cm^2. Given a random point E inside of ABCD. Find the total area of triangles AED and BEC.

Question 10: The distance between 2 trees is 300 meters. It will take a bird 30 seconds to fly between these 2 trees. How fast is the bird in kilometer per hour?

Exam number 2: Cóc vàng tài ba

Question 1: Which of following is correct?

a. 100 + 64 = 104 + 60

b. 100 + 64 = 140 + 6

c. 100 + 64 = 106 + 40

d. 100 + 64 = 10 + 64

Question 2: Write $23\dfrac{5}{100}$ as a decimal.

The result is ....
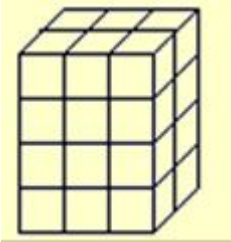
a. 23,05   b. 23,0005   c. 23,005   d. 235

Question 3: Find the value of x such that x + 3/7 = 26/21

a. 7/21   b. 23/21   c. 23/14   d. 17/21

Question 4: Calculate: 23,61 x 4,23 = ...

a. 9987,03   b. 92,1403   c. 99,8703   d. 9214,03

Question 5: This shape is made of several small cubes. Find the surface area of the shape, if each side of small cube is 2cm long.
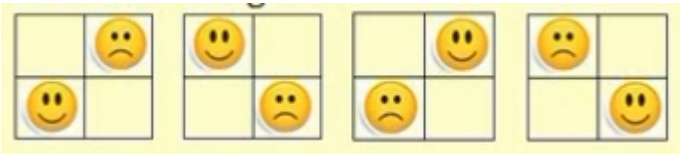
a. 96cm^2 b. 104cm^2 c. 208cm^2

d. 144cm^2

Question 6: In a school librabry, there are 101000 English books, 92683 Math books and 216094 books of other subjects. How many books are there in the library?

a. 409777 books

b. 308777 books

c. 193683 books

d. 409667 books

Question 7: Find the next figure

a.   b.   c.   d.

Question 8: What is the difference between the sum of the first 2016 even natural numbersand the first 2016 odd natural numbers?

a. 4031   b. 2016   c. 4030   d. 2015

Question 9: Jack buys sofas from a wholesale market for $3750, and then he sells all of them at a loss of 4%. How much money did he sell each sofa for?

a. $3900   b. $156   c. $3600   d. $144

Question 10: A square picture was cut along the lines into 9 pieces. Which of the following shapes below was missing piece?

a.   b.   c.   d.

Exam number 3: Sắp xếp các giá trị theo thứ tự tăng dần

$\dfrac{14}{25}$ (1)	52% of 1 (2)
$\dfrac{1}{4}$ (3)	$0.53 - 0.07$ (4)
10% of 10% of 60 (5)	$\dfrac{2}{5}$ (6)
$0.26 + 0.12$ (7)	$0.2 \times 0.2 \times 20$ (8)
70% of 0.5 (9)	0.3 (10)

Đáp án

Exam number 1: Fill in the blank with the suitable number

Question 1: 36

Question 2: 24,8

Question 3: 2,125

Question 4: 109

Question 5: 4

Question 6: 200

Question 7: 30

Question 8: 15

Question 9: 28

Question 10: 36

Exam number 2: Cóc vàng tài ba

Question 1: a

Question 2: a

Question 3: d

Question 4: c

Question 5: c

Question 6: a

Question 7: a

Question 8: b

Question 9: d

Question 10: c

Exam number 3: Sắp xếp các giá trị theo thứ tự tăng dần

(3) < (10) < (9) < (7) < (6) < (4) < (2) < (1) < (5) < (8)

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 9 năm 2015 - 2016

Exam number 1: Vượt chướng ngại vật

Question 1: 1,83 + ... = 2

Question 2: The volume of the cube below is ……….cm³.

Question 3: After running 20% of a race, Bob had run 25m. How long was the race, in metres?

Question 4: Alice are going to buy sugar for her cooking class. She needs to have 1/6 kg of sugar for every student in her class. There are 18 students in her class. How many kilograms of sugar should Alice buy?

Question 5: Alice's mathematics exam had 30 algebra questions and 50 geometry questions, each worth 1 mark. She got 70% of the algebra questions correct, and 60% of her questions correct. How many geometry questions did she answer correctly?

Exam number 2: Fill in the blank with the suitable number

Question 1: Bob roller skates with a constant speed of 14 miles per hour. How far can he travel in 1/2 hour?

Question 2: Emily rides her bike with a constant speed of 12km/h. How far can she travel in 3 hours?

Question 3: Jack rides his horse with a constant speed of 12 miles per hour. How far can he travel in $1\dfrac{1}{2}$ hours?

Question 4: An airplane flies with a constant speed of 810 miles per hour. How far can it travel in $4\dfrac{1}{2}$ hours?

Question 5: John drove from Town A to Town B in 5 hours. His average speed for the first 3,5 hours was 64km/h. His average speed for the last 1,5 hours was 60km/h. What was the total distance he traveled?

Question 6: A car traveled at 50km/h for 2 hours and at 60km/h for 3 hours. What is the car's average speed?

Question 7: The distance between John's home and the park is 3000m. John walked from his home to the park at a speed of 100m per minute and then walked back home at a speed of 150m per minute. What is the John's average speed in meter per minute?

Question 8: Bob drove from City P to City Q. He traveled the first 36km at an average speed of 54km/h. He traveled the remaining 96km at a average speed of 72km/h. Find his average speed for the whole trip.

Question 9: Peter and Jacob were running. Both of them run with their constant speeds. They started at the same time and the same place. When Jacob reached the finishing line, Peter had only run 5/9 of what Jacob had run. Jacob's speed is 75m/min (metre per minute) faster than Peter. What was Peter's speed in m/min?

Question 10: A train crosses a tree in 10 second and a bridge 225m long in 25 second. Find the length of the train.

Exam number 3: Cóc vàng tài ba

Question 1: The number of centimetres in 2,5 metres is ……………

a. 0,025   b. 0,25   c. 25   d. 250

Question 2: You walk 2 miles with your dog in only 40 minutes. Your average speed is ……………..

a. 0,2 mile in per minute

b. 0,5 mile in per minute

c. 0,02 mile in per minute

d. 0,05 mile in per minute

Question 3: Susan wants to divide 35,5 kg sugar in small bags. If each bag holds 0,5kg, how many bags are needed?

a. 70   b. 71   c. 36   d. 35

Question 4: In the diagram, the percentage of small squares that are shaded is ……………
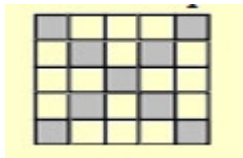
a. 36%   b. 9%   c. 24%   d. 25%

Question 5: If the numbers: 2/5; 41% and 0,401 are arranged from largest to smallest, the correct order is …………..

a. 2/5; 0,401; 41%

b. 0,401; 2/5; 41%

c. 41%; 0,401; 2/5

d. 41%; 2/5; 0,401

Question 6: Charlie and Lily go on a 24 km run. They both usually run at 9 km/h. If Charlie runs at 2/3 his usual running speed, and Lily runs at 4/3 times her usual speed, how many more hours does it take Charlie to complete the run than it takes Lily to

complete the run?

a. 6   b. 4   c. 2   d. 3

Question 7: A box contains 21 disks, each coloured red, blue and green. There are twice as many green disks as red disks, and half as many blue as red. How many disks are red?

a. 6   b. 12   c. 9   d. 3

Question 8: The results of a survey of the hair colour of 500 people are shown in this circle graph. How many people have blonde hair?

a. 300   b. 150   c. 250   d. 200

Question 9:

The pattern of figures △ ● □ ▲ ○ is repeated in the sequence:

△, ●, □, ▲, ○, △, ●, □, ▲, ○,...

The 2016th figure in the sequence is ...

a. △   b. ▲   c. ●   d. ○

Question 10: Each face of a cube is painted with exactly one colour. What is the smallest number of colours needed to paint a cube so that no two faces that share an edge are the same colour?

a. 6   b. 3   c. 4   d. 5

Đáp án

Exam number 1: Vượt chướng ngại vật

Question 1: 0,17

Question 2: 3375

Question 3: 125

Question 4: 3

Question 5: 27

Exam number 2: Fill in the blank with the suitable number

Question 1: 7

Question 2: 36

Question 3: 18

Question 4: 3645

Question 5: 314

Question 6: 56

Question 7: 125

Question 8: 66

Question 9: 125

Question 10: 90

Exam number : Cóc vàng tài ba

Question 1: d

Question 2: d

Question 3: b

Question 4: a

Question 5: c

Question 6: c

Question 7: d

Question 8: b

Question 9: a

Question 10: c

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 9 năm 2014 - 2015

Exam number 1: Choose the most suitable answer in 4 available answers. (Cóc vàng tài ba)

Question 1: Choose the calculation that has the greatest result.

a. 125,7 : 3 + 14,3

b. 365,5 : 5 - 17,8

c. 59,8 : 2 + 26,13

d. 196,4 : 4 - 7,07

Question 2: Peter counts his heart rate. He counts 8 beats per 6 seconds on average. How many beats per minute does Peter count?

a. 75   b. 140   c. 60   d. 80

Question 3: Which fraction is equal to 17,5%?

a. 35/20   b. 7/40   c. 35/50   d. 175/100

Question 4: Mia wants to buy apple. Which is the best buy?

a. 7kg of apples for $30,38

b. 5kg of apples for $21,5

c. 6kg of apples for $26,1

d. 4kg of apples for $17,32

Question 5: The product: 20 x 21 x 22 x ..... x 40 has .... digit 0.

a. 4   b. 6   c. 5   d. 3

Question 6: Which shape is colored more than 50% in green?

a.

b.

c.

d.

Question 7: If number A is increased by 60% then it will equal number B. How much

percentage will B be decreased by to equal A?

a. 40%   b. 62,5%   c. 37,5%   d. 60%

Question 8: Find the smallest number that is 7 times the sum of its digits?

a. 28   b. 21   c. 14   d. 35

Question 9: Calculate: $\dfrac{1}{6} + \dfrac{1}{12} + \dfrac{1}{24} + \cdots + \dfrac{1}{768} = \cdots$ Choose the correct answer:

a. 767/768   b. 711/768   c. 255/256   d. 85/256

Question 10: How many fractions equal 1/5 and have denominators of 2 - digit numbers?
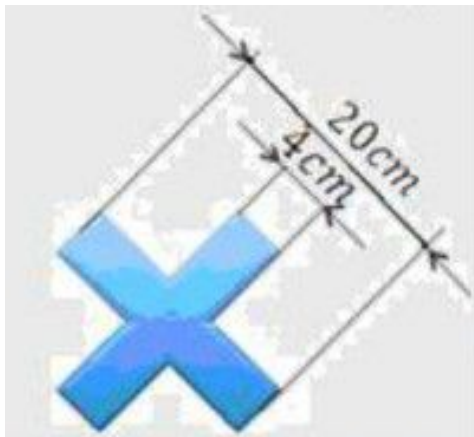
a. 16   b. 18   c. 22   d. 20

Exam number 2: Your car has to pass 5 obstacles to finish. In order to overcom each obstacle, you have to answer correctly one of three problems in that obstacle. (Vượt chướng ngại vật)

Question 1: If $\dfrac{144}{17} \times \dfrac{34}{12} < n < \dfrac{169}{34} : \dfrac{13}{68}$ and n is a natural number then n = ...

Question 2:

The perimeter of the shape is .... cm.

Question 3: Find X if X x 8,6 - 5,2 x X - 11,06 = 5,94

Question 4: Calculate: 5,5 x (3,5 - 1,5) + 1,5 = ...

Question 5:

Calculate: $\dfrac{1}{5} + \dfrac{7}{11} + \dfrac{5}{13} + 4 \times \left(\dfrac{1}{5} + \dfrac{1}{11}\right) + \dfrac{21}{13} = \cdots$

Exam number 3: Find the blank with the suitable number (Note: write decimal number with the comma" between number part and fraction part. Ex: 0,5)

Question 1: $5{,}136m^3 = \ldots\ldots\ldots cm^3$.

Đáp án của bạn

Question 2: $47/250\ dm^3 = \ldots\ldots\ldots cm^3$.

Question 3: The perimeter of a circle is 15,7dm. Its area is .... cm^2.

Question 4: Jane bought a couch. A couch costs 950 dollars. She received a 30% discount. How much of a discount did she get?

Question 5: The ratio of the number of girls to the number of boys in a classroom is 5 : 4. When 10 girls left the classroom, the ratio of the number of boys to the number of girls became 4 : 3. How many students were in the classroom at first?

Question 6: The area of a rectangle is 50m2. If it's length is increased by 10% and it's width is decreased by 20% then the area of new rectangle is ....m^2.

Question 7: An aquarium is 8dm deep, 12dm long and 0,3m wide. What is the volume of the aquarium in cubic centimeter?

Question 8:
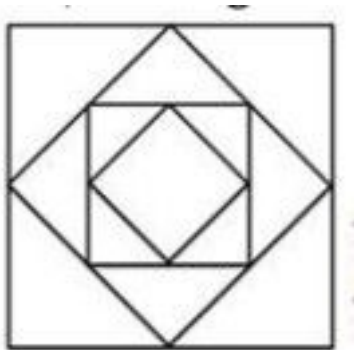
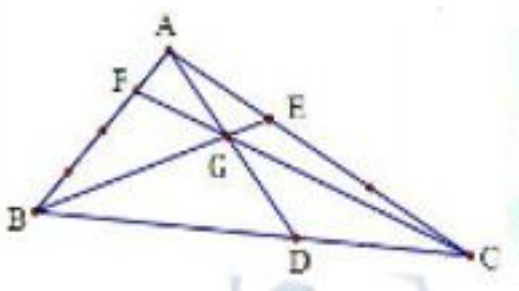The sum of all square's area in the following figure is 375cm^2. The area of the biggest square is .... dm^2.

Question 9: At a party 60% of the boys are dancing with 80% of the girls. How many people are dancing if there are 35 people? (A pair cludes only one boy and one girl)

Question 10:

Look at the following figure. AF/AB = 1/4; AE/AC = 1/3. If the area of triangle GBD is 270m^2 then the area of the triangle GCD is .... m^2.

Đáp án

Exam number 1: Choose the most suitable answer in 4 available answers. (Cóc vàng tài ba)

Question 1: a

Question 2: d

Question 3: b

Question 4: b

Question 5: b

Questionc 6: d

Question 7: c

Question 8: b

Question 9: d

Question 10: b

Exam number 2: Your car has to pass 5 obstacles to finish. In order to overcom each obstacle, you have to answer correctly one of three problems in that obstacle. (Vượt chướng ngại vật)

Question 1: 25

Question 2: 80

Question 3: 5

Question 4: 12,5

Question 5: 4

Exam number 3: Find the blank with the suitable number (Note: write decimal number with the comma" between number part and fraction part. Ex: 0,5)

Question 1: 5136000

Question 2: 188

Question 3: 1962,5

Question 4: 285

Question 5: 45

Question 6: 44

Question 7: 28800

Question 8: 2

Question 9: 24

Question 10: 180

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 8 năm 2015 - 2016

Exam number 1: Đi tìm kho báu

Question 1: There are 40 students in Mrs. Brown's class. 25% of her students received a B on the test. How many students received a B?

a. 10   b. 12   c. 18   d. 20

Question 2: What is the product of 3.05 and 2.8?

a. 8.54   b. 8.056   c. 8.56   d. 8.054

Question 3: A clothing shop is having a 40% off sale. How much would Jane have to pay for a $30 sweater with a 40% discount?

a. $18   b. $20   c. $50   d. $13

Question 4: If a pen costs $1.75 and an eraser costs $0.85, which of the following is the cost of 10 erasers and 5 pens?

a. $21.75   b. $26   c. $18.75   d. $17.25

Question 5: If the area of the rectangle ABCD is 60cm^2 then the area of the trapezoid MNCD is ....cm^2.
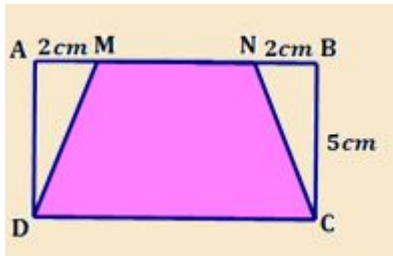
a. 48   b. 50   c. 45   d. 54

Exam number 2: Tìm cặp bằng nhau

25% of one hour (1)	30% of one hour (2)	5% of 20 (3)	$\frac{1}{5}$ of one hour $+ \frac{1}{20}$ of two hours (4)
$\frac{1}{4}$ of 12 minutes (5)	$\frac{1}{8}$ of two hours (6)	8% of 50 (7)	5% of 40 (8)
20% of 15% of the smallest 4 − digit number (9)	5% of 80 (10)	$\frac{1}{3}$ of one hour (11)	4% of 25 (12)
5% of one hour (13)	4% of 50 (14)	8% of 100 (15)	25% of the smallest 3 − digit number (16)
32% of 25 (17)	5% of 50% of the smallest 4 − digit number (18)	40% of 50 minutes (19)	50% of 6% of 1000 (20)

Exam number 3: Fill in the blank with the suitable number

Question 1 The length of each edge of a cube is 3 cm. The surface area of the cube, in cm2, is ....

Question 2: At the beginning of the summer, Bob was 140 cm tall. At the end of the summer, he measured his height again and discovered that it had increased by 5%. Measured in cm, what was his height at the end of summer?

Question 3: The number of centimetres in 7.05 metres is ....

Question 4: Bella scores on six of her eight pictures. The percentage of pictures that she does not score on is ....%.

Question 5: A bag contains green marbles and red marbles only. If the ratio of the number of green marbles to the number of red marbles is 1:4 then ....% of marbles are green.

Question 6: How many even numbers between 1 and 100 are divisible by 5?

Question 7: Alice is going to the store. One third of the way to the store, she stops to talk with Kelly. She then continues for 6 km and reaches the store. How many kilometres does she travel?

Question 8: How many three-digit numbers are exactly 19 more than a two-digit number?

Question 9: In the 3×3 table shown, the numbers 2, 4 and 6 are placed so that each number occurs only once in each row and only once in each column. The value of M + N is ....

Question 10: How many different 3-digit whole numbers can be formed using the digits 4, 5, 0 and 8, assuming that no digit can be repeated in a number?

Đáp án

Exam number 1: Đi tìm kho báu

Question 1: a

Question 2: a

Question 3: a

Question 4: d

Question 5: b

Exam number 2: Tìm cặp bằng nhau

(1) = (6); (2) = (4); (3) = (12); (5) = (13); (7) = (10); (8) = (14); (9) = (20); (11) = (19); (15) = (17); (16) = (18)

Exam number 3: Fill in the blank with the suitable number

Question 1: 54

Chiều dài một cạnh của một khối lập phương là 3cm.

Diện tích bề mặt của khối lập phương là 3 x 3 x 6 = 54 (cm2)

Question 2: 147

Question 3: 705

Question 4: 25

Question 5: 20

Question 6: 9

Question 7: 9

Question 8: 19

Có bao nhiêu số có 3 chữ số mà lớn hơn một số có 2 chữ số 19 đơn vị?

Các số có 3 chữ số mà lớn hơn một số có 2 chữ số 19 đơn vị là: 81; 82; 83; ....; 99

Số các số thỏa mãn là: (99 - 81) : 1 + 1 = 19 (số)

Đáp số: 19 số

Question 9: 6

Question 10: 18

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 2 năm 2015 - 2016

Question 1: Find equal values. (Tìm các cặp giá trị bằng nhau)

$\frac{29}{8}$ **(1)**	**(2)**	$\frac{1}{2}$ of the circle **(3)**	**(4)**
$3\frac{5}{8}$ **(5)**	$\frac{4}{7}$ **(6)**	$\frac{1}{5}$ of the circle **(7)**	$\frac{12}{21}$ **(8)**
$19\frac{3}{7} + 14\frac{3}{7}$ **(9)**	$\frac{4}{6}$ of the circle **(10)**	$\frac{9}{5} + 6\frac{2}{7}$ **(11)**	$\frac{6}{15}$ of the circle **(12)**
(13)	$\frac{4}{3}$ **(14)**	$\frac{19}{8}$ **(15)**	$5\frac{4}{15} \times 6\frac{3}{7}$ **(16)**
$8\frac{3}{35}$ **(17)**	$2\frac{6}{16}$ **(18)**	$\frac{28}{21}$ **(19)**	**(20)**

Question 2:

Question 2.1: Compare 7/9 .... 2/3

Fill in the blank with the suitable sign (>, <, =)

Question 2.2: If 209/143 = (209 : n)/13 then n = ...

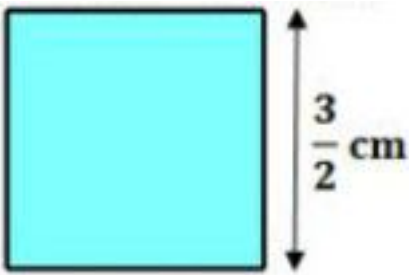Question 2.3:

$$\frac{5}{8} = \frac{5 \times \square}{1000}$$

The correct number fill in the box is ....

Question 2.4: Complete the table (Write your answer in the simplest form). Rule: divide by 4/5

In	Out
$\dfrac{1}{2}$	$\dfrac{5}{8}$
$\dfrac{1}{3}$	$\dfrac{5}{12}$
$\dfrac{8}{5}$	☐

Question 2.5: Write the equivalent fraction of 3/8 with a denominator of 1000.

Question 2.6: The perimeter of the square below is .... cm. (Simplify your answer)

$\dfrac{3}{2}$ cm

Question 2.7: The sum of two numbers is 156 and their ratio is 6/7. The smaller number is ....

Question 2.8: Convert: 2 tons 40kg = ...kg.

Question 2.9: The last digit of the product 11 x 22 x 33 x ..... x 99 is ....

Question 2.10: The sum of two numbers is the greatest 4-digit number and their ratio is 1 : 2. The smaller number is ....

Question 3:

Question 3.1: Which of the following fractions is the greatest?

A. 3/10   B. 2/5   C. 9/20   D. 7/20

Question 3.2: $4\dfrac{2}{5}kg =$... g. The missing number is ....

A. 440   B. 420   C. 4200   D. 4400

Question 3.3: If $3\dfrac{1}{2} : m = 2\dfrac{3}{4}$ then m = ...

A. 5/2   B. 14/11   C. 6(3/8)   D. 77/8

Question 3.4:

The value of $M = 1\dfrac{2}{3} \, x1\dfrac{2}{5} \times 1\dfrac{2}{7} \times ... \times 1\dfrac{2}{97}$ is ....

A. 3/97   B. 5/97   C. 5/99   D. 33

ĐÁP ÁN

Question 1: Find equal values.

(2) = (10); (4) = (12); (5) = (1); (8) = (6); (9) = (16); (11) = (17); (13) = (7); (14) = (19); (15) = (18); (20) = (3

Question 2:

Question 2.1: >   Question 2.6: 6

Question 2.2: 11   Question 2.7: 72

Question 2.3: 125   Question 2.8: 2040

Question 2.4: 2   Question 2.9: 0

Question 2.5: 375   Question 2.10: 3333
Question 3:

Question 3.1: C

Question 3.2: D

Question 3.3: B

Question 3.4: D

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 3 năm 2015 - 2016

Question 1: Choose consecutively the cells with increasing value to remove them from the table.

$5cm^2\ 3mm^2$ (1)	$\frac{9}{500}dm^2$ (2)
$\frac{3}{100}cm^2$ (3)	$\frac{7}{100}cm^2$ (4)
$320mm^2$ (5)	$\frac{7}{500}dm^2$ (6)
$\frac{1}{50}cm^2$ (7)	$\frac{1}{50}dm^2$ (8)
$\frac{1}{100}cm^2$ (9)	$\frac{1}{125}dm^2$ (10)

Question 2:

Fill in the blank with the suitable sign (>, <, =)

Question 2.1: Compare: 5/123 ....1/41

Question 2.2: Divide $5\frac{1}{3} \div 1\frac{2}{6} = ...$ Write your answer in the simplest form.

Question 2.3: 3km² = ... m².

Question 2.4: ...../4 m = 175cm. The missing number is ....

Question 2.5: The cost of eight spoons is 4 dollars. How much do 6 spoons cost?

Question 2.6: The sum of two consecutive odd numbers is 2016. The greater number is ....

Question 2.7: The sum of denominator and numerator of a fraction is 91 and the fraction is equal to 6/7. The denominator of the fraction is ....

Question 2.8: 1/2 + 1/4 + 1/n = 11/12. The value of n is ....

Question 2.9: Bella has 30 candies. Alice has 5 candies fewer than Bella. Sara has 5 candies more than Bella. How many candies do they have altogether?

Question 2.10: The sum of the page number of the last 3 pages of a book is 369. What is the last page number?

Question 3:

Question 3.1: $25mm^2 = ...$

a. $1/40m^2$ b. $1/400m^2$ c. $1/4000cm^2$ d. $1/40000m^2$

Question 3.2: $3/100 \ m^2 = ...$

a. $3dm^2$ b. $30cm^2$ c. $3mm^2$ d. $3cm^2$

Question 3.3: $2kg = ...$

a. $20g$ b. $200g$ c. $2000g$ d. $20000g$

Question 3.4: Write >, <, =

$3cm^2 \ 200mm^2 \ .... \ 3200mm^2$

Question 3.5: $3/10 \ kg = ...g.$

Đáp án

Question 1: Choose consecutively the cells with increasing value to remove them from the table.

(9) < (7) < (3) < (4) < (10) < (6) < (2) < (8) < (5) < (1)

Question 2:

Question 2.1: >	Question 2.6: 1009
Question 2.2: 4	Question 2.7: 49
Question 2.3: 3000000	Question 2.8: 7
Question 2.4: 7	Question 2.9: 92
Question 2.5: 3	Question 2.10: 124

Question 3:

Question 3.1: d

Question 3.2: a
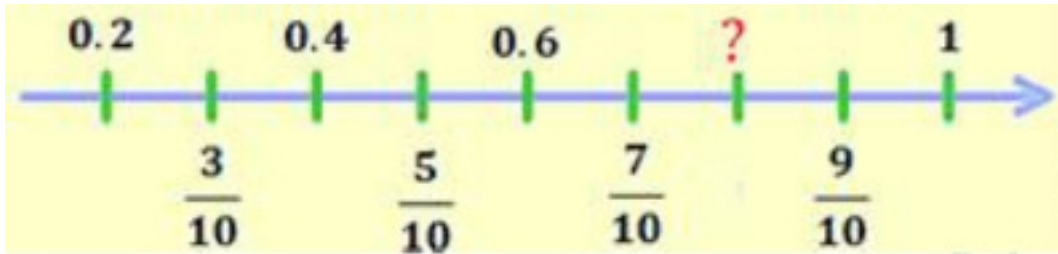
Question 3.3: c

Question 3.4: <

Question 3.5: 300

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 4 năm 2015 - 2016

Exam number 1:

Question 1: In 12.36 which digit is in the ones place?

a. 3　　　　　　b. 2　　　　　　c. 1　　　　　　d. 6

Question 2: Which of following decimal numbers should be replace the question mark?

a. 0.7　　　　　b. 0.6　　　　　c. 0.8　　　　　d. 0.9

Question 3: Write 12/100 as a decimal number.

a. 12　　　　　b. 1.2　　　　　c. 0.12　　　　　d. 0.012

Question 4: What decimal number is shown?

a. 0.3　　　　　b. 0.5　　　　　c. 0.4　　　　　d. 0.2

Question 5: Write 2.25 as a mixed number in the simplest form.

a. $2\dfrac{1}{4}$　　　　b. 225/100　　　　c. $2\dfrac{25}{100}$　　　　d. $2\dfrac{25}{10}$

Question 6: Write the decimal number "six and three hundredth" using digits.

a. 3.6　　　　　b. 6.3　　　　　c. 3.06　　　　　d. 6.03

Question 7: Convert 25g = ... kg. Write your answer by decimal in the simplest

form.

a. 0.025   b. 0.25   c. 2500   d. 2.5

Question 8: Write numbers below in order from least to greatest: 3/12; 4/5; 0.75; 0.23

a. 3/12; 0.23; 0.75; 4/5

b. 0.23; 3/12; 0.75; 4/5

c. 3/12; 4/5; 0.75; 0.23

d. 0.23; 3/12; 4/5; 0.75

Question 9: If x is a natural number and x < 2876/100 then the greatest value of x is:

a. 287   b. 28   c. 27   d. 2876

Question 10: Find x if ab4,938 < ab4,9x6 < ab4,953.

a. 6   b. 4   c. 5   d. 3

Exam number 2: Choose 2 consecutive cells which have the same or equal value.

0.6 (1)	0.2 (2)	0.06 (3)	0.15 (4)
$\frac{6}{10}$ (5)	2.3 (6)	$1\frac{1}{2}$ (7)	$\frac{11}{10}$ (8)
2.03 (9)	$2\frac{3}{20}$ (10)	$\frac{6}{100}$ (11)	$\frac{2}{10}$ (12)
$\frac{23}{100}$ (13)	0.23 (14)	2.15 (15)	$\frac{23}{10}$ (16)
$2\frac{3}{100}$ (17)	1.5 (18)	$\frac{6}{40}$ (19)	1.1 (20)

Exam number 3:

Question 1: Fill in the blank with the correct decimal number: 9/100 kg = ...kg.

Question 2: Write 47/100 as a decimal number in the simplest form.

Question 3: In 348.256, which digit is in the tenths place?

Question 4: In 348.256, which digit is in the tens place?

Question 5: 4/10 + 6/1000 = ... Write your answer by decimal in the simplest form.

Question 6: I have two digits in the decimal part. I am greater than 75 but less than 80
What least possible number am I?

Question 7: Find the value of p.

Question 8: Fill in the blank with the correct number. 3/100 m = ...cm

Question 9: If p and q are consecutive natural numbers and 9.062 < p + q < 12.988 then p x q = ...

Question 10: If n is a natural number and n < 12.03 < n + 5 the the smallest value of n is ....

ĐÁP ÁN

Exam number 1:

Question 1: b	Question 6: d
Question 2: c	Question 7: a
Question 3: c	Question 8: b
Question 4: c	Question 9: b
Question 5: a	Question 10: b

Exam number 2: Choose 2 consecutive cells which have the same or equal value.

(1) = (5); (2) = (12); (3) = (11); (4) = (19); (6) = (16); (7) = (18); (8) = (20); (9) = (17); (10) = (15); (13) = (14)

Exam number 3:

Question 1: 0,09	Question 6: 75,01
Question 2: 0,47	Question 7: 0,6
Question 3: 2	Question 8: 3
Question 4: 4	Question 9: 25
Question 5: 0,406	Question 10: 8

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 5 năm 2015 - 2016

Exam number 1: Choose the increasing value. (Chọn các giá trị theo thứ tự tăng dần)

0.04	0.03	0.32	0.06
0.08	0.89	0.87	0.65
0.05	0.98	0.34	0.21
0.67	0.54	0.23	0.56
0.12	0.01	0.09	0.43

Exam number 2:

Question 1: Convert 25m = ... km.

a. 250   b. 0,025   c. 2,5   d. 0,25

Question 2: $2m^2$ = ... dm^2. The missing number is ....

a. 200   b. 200000   c. 2000   d. 20000

Question 3: Convert 3,25kg = ... g.

a. 0,325   b. 325   c. 3250   d. 32,5

Question 4: Convert 340kg = ... ton.

a. 34   b. 3,4   c. 0,34   d. 0,034

Question 5: Convert 5.03m = ...cm.

a. 50,3   b. 0,503   c. 503   d. 5030

Question 6: How many natural numbers are there less than 7,23?

a. 8   b. 7   c. 5   d. 6

Question 7: How many odd numbers are there less than 54,91?

a. 55   b. 27   c. 26   d. 28

Question 8: How many even numbers are there less than 46,25?

a. 25   b. 47   c. 24   d. 23

Exam number 3: Fill in the blank with the suitable number.

Question 1: Convert 1m = ...cm.

Question 2: Convert 1mm = ... m

Question 3: If x is a natural number and 3,8 < x < 4,3 then x = ...

Question 4: In the following numbers, which is the greatest?

7,568; 9,265; 8,975; 7,689; 9,256

Question 5: In the following numbers, which is the smallest?

4,92; 5,84; 4,85; 8,54; 4,58; 5,48

Question 6: Convert: 5km 2m = ... km.

Question 7: If m is a even number and 81,32 > m > 78,54 then m = ...

Question 8: Use all the digits below to form the decimal number that is smaller than 5.

2; 5; 9; 4; 8. How many such numbers are there?

Question 9: Fill in the blank with the suitable sign (>, <, =)

Compare: 76,5 75,66

Question 10: Compare: 31,040 31,04

Đáp án

Exam number 1: Choose the increasing value. (Chọn các giá trị theo thứ tự tăng dần)

0,01 < 0,03 < 0,04 < 0,05 < 0,06 < 0,08 < 0,09 < 0,12 < 0,21 < 0,23 < 0,32 < 0,34 < 0,43 < 0,54 < 0,56 < 0,65 < 0,67 < 0,87 < 0,89 < 0,98

Exam number 2:

Question 1: b   Question 5: c

Question 2: a   Question 6: a

Question 3: c   Question 7: b

Question 4: c   Question 8: c

Exam number 3: Fill in the blank with the suitable number.

Question 1: 100

Question 2: 0,001

Question 3: 4

Question 4: 9,265

Question 5: 4,58

Question 6: 5,002

Question 7: 80

Question 8: 120
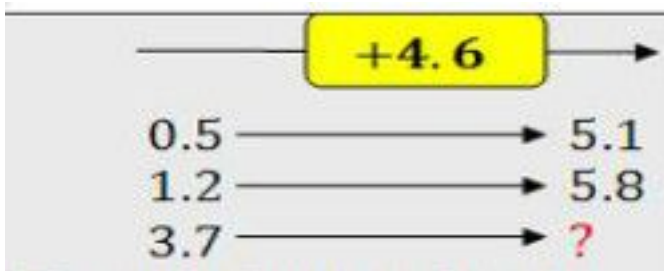
Question 9: >

Question 10: =

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 6 năm 2015 - 2016

Exam number 1: Choose 2 consecutive cells which have the same or equal value. (Tìm cặp bằng nhau)

47.1 + 1.7 + 0.02 (1)	0.17 + 47.01 + 0.1 (2)	32.93 + 31.32 (3)
48 + 0.02 + 0.8 (5)	2.56 + 4.82 + 7.44 + 5.18 (6)	38.92 + 24.79 (7)
4.8 + 5.6 + 6.5 + 15.2 +14.4 + 13.5 (9)	1.6 + 3.7 + 8.4 + 6.3 (10)	48.11 + 1.01 + 0.7 (11)
27.37 + 47.23 (13)	42.03 + 32.93 (14)	38.92 + 35.68 (15)
47.01 + 1.2 + 0.07 (17)	47.23 + 27.73 (18)	39.46 + 24.79 (19)

Exam number 2: Vượt chướng ngại vật

Question 2.1:

The missing number is ....

a. 5.9   b. 8.3   c. 6.3   d. 3.8

Question 2.2: Find the value of y such that $19.5 + y = 32.6$

a. 52.1   b. 14.1   c. 51.1   d. 13.1

Question 2.3: Count back by 0.5

		2.7		P

The value of P is ....

a. 3.7   b. 1.2   c. 1.7   d. 4.2

Question 2.4:

		Q		0.9	

The value of Q is ....

a. 0.6   b. 1.1   c. 1.0   b. 0.7

Question 2.5: Calculate: 1.34 + 2.34 + 3.34 + ... + 20.34 = ...

a. 205.96   b. 195.12   c. 227.64   d. 216.8

Question 2.6:

Rule: Add 13.85. The missing number is ....

a. 54.44   b. 53.44   c. 80.14   d. 81.14

Question 2.7:

Rule: Substract 15.24. The missing number is ....

a. 49.42   b. 19.84   c. 48.52   d. 18.94

Question 2.8: Which of following decimals is equal to 3/8?

a. 0.35   b. 0.375   c. 0.3   d. 0.357

Question 2.9: Write these numbers in standard form: 21.3 = 20 + 1 + 0.3

Which of following is true?

a. 149.34 = 100 + 40 + 9 + 0.34

b. 127.06 = 120 + 7 + 0.06

c. 105.9 = 100 + 5 + 0.9

d. 280.2 = 200 + 8 + 0.2

Question 2.10: Count on by 0.3

	N			4.7	

The value of N is ....

a. 4.1   b. 3.5   c. 3.8   d. 4.4

Question 2.11: 10 + ... + 8 = 18.06

The missing number is ....

a. 0.06   b. 0.8   c. 0.08   b. 0.6

Question 2.12: Find the value of a if

$$
\begin{array}{r}
8.a2b \\
+ \quad c.deb \\
\hline
a.97c
\end{array}
$$
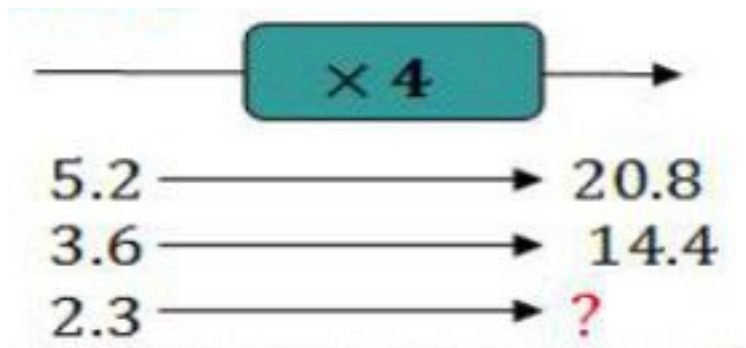
a. 9   b. 1   c. 8   d. 7

Exam number 3: Fill in the blank with the suitable number (Note: write decimal number with "the dot" between number part and fraction part. Example: 0.5)

Question 3.1: If n = 23.54 then n x 9 = ...

Write your answer by decimal in the simplest form

Question 3.2: If a x b = 42.63 then b x a = ...

Question 3.3:

The missing decimal number is ....

Question 3.4: Multiply: 3.56 x 8 = ... Write your answer by decimal in the simplest form.

Question 3.5: This table shows the weights of Peter's three dogs.

Name	Weight (in kilograms)
Brody	8.6
Shadow	11.2
Josie	24.9

The product of the combined weight of Shadow and Josie and the weight of Brody is .... kg.

Question 3.6: If a = 2.4; b = 5.6 and c = 7.6 then (a + b) x c = ... Write your answer by decimal in the simplest form.

Question 3.7: The cost of 2 kilograms of oranges is 2.31 dollars. What is the cost of 12 kilograms of oranges?

Question 3.8: Calculate: 0.4 x 8.4 x 2.5 = ...

Fill in the blank with the suitable sign (>, =, <)

Question 3.9: Compare: M = 25.36 x 25.34 and P = 25.35 x 25.35

Question 3.10: Compare: A = 26.26 x 4949.49 and B = 49.49 x 2626.26

ĐÁP ÁN

Exam number 1: Choose 2 consecutive cells which have the same or equal value. (Tìm cặp bằng nhau)

(1) = (5); (2) = (4); (3) = (19); (6) = (10); (7) = (8); (9) = (20); (11) = (12); (13) = (15); (14) = (18); (16) = (17)

Exam number 2: Vượt chướng ngại vật

Question 2.1: b   Question 2.4: b

Question 2.2: d   Question 2.5: d

Question 2.3: b   Question 2.6: b

Question 2.7: a   Question 2.10: c

Question 2.8: b   Question 2.11: a

Question 2.9: c   Question 2.12: c

Exam number 3: Fill in the blank with the suitable number

Question 3.1: 211.86

Question 3.2: 42.63

Question 3.3: 9.2

Question 3.4: 28.48

Question 3.5: 44.7

Question 3.6: 60.8

Question 3.7: 13.86

Question 3.8: 8.4

Question 3.9: <

Question 3.10: =

ĐỀ THI VIOLYMPIC TOÁN TIẾNG ANH LỚP 5 VÒNG 2 NĂM 2016 - 2017

Bài 1: Chọn các giá trị theo thứ tự tăng dần

$\frac{3}{2} - \frac{1}{2}$ (1)	Six hundred and seventy − two (2)	$\frac{100}{5}$ (3)	$\frac{1}{2}$ (4)
$\frac{1}{7} + \frac{1}{2}$ (5)	The sum of 234 and 19 (6)	$\frac{15}{3} : \frac{1}{3}$ (7)	$\frac{1}{7}$ (8)
$\frac{3}{4}$ of $\frac{6}{4}$ (9)	$\frac{340}{4}$ (10)	The average of 76;89 and the smallest 1 − digit number (11)	$\left(1 + \frac{1}{5}\right) : \frac{4}{3}$ (12)
(13) The greatest 2 − digit number	$\frac{24}{7} - \frac{10}{7}$ (14)	(15) What is the 124th 3 − digit number?	$\frac{3}{5} : 3$ (16)
The sum of the greatest 1 − digit number and 15 (17)	$\left(2 + \frac{1}{4}\right) \times \frac{2}{3}$ (18)	1 + 4 + 7 + 10 + 13 + …..+ 22 (19)	(20) The smallest 3 − digit number

Bài 2: Đi tìm kho báu

Câu 1: Calculate: $9 + \frac{2}{9} + 5 + \frac{7}{9}$

Câu 2: Calculate: 2/5 - 2/10=....

Câu 3: Calculate $\left(1 + \frac{5}{8}\right) : \frac{1}{4}$

Câu 4: Write >; =; < $\frac{13}{15} .... \frac{4}{5} ; \frac{26}{13} ... \frac{6}{3}$

Câu 5: Calculate: $\left(5 + \frac{2}{7}\right) \times \left(1 + \frac{3}{4}\right) = ...$

Câu 6: Convert: 25mm^2 =... cm^2

Bài 3: Cóc vàng tài ba

Câu 1: How many natural numbers are not greater than 2016?

a) 2014;   b) 2015;   c) 2016;   d) 2017

Câu 2: The ratio of two numbers is 3 : 7 and their sum is the smallest 3 - digit number. Their difference is....

a) 10;   b) 30;   c) 40;   d) 70

Câu 3: How many 3 - digit even numbers?

a) 440;   b) 450;   c) 510;   d) 500

Câu 4: Find the greatest fraction: 1/3; 2/4; 1/4; 3/15

a) 2/4;   b) 1/3;   c) 1/4;   d) 3/15

Câu 5: Calculate (1 + 2/5) x 6/7 =...

a) 2/7;   b) 3;   c) 12/35;   d) 6/5

Câu 6: Calculate 7 + 3/5

a) 22/5;   b) 21/5;   c) 35/5;   d) 38/5

Câu 7: The difference of two numbers is 157. Their ratio is 3/2. Find the greater number?

a) 314;   b) 471;   c) 451;   d) 785

Câu 8: Miken bought 17 pens and he had to pay $51. How much do 30 pens of the same kind cost?

a) $90;   b) $30;   c) $120;   d)$51

Câu 9: If 2a456b is divisible by 2; 3; 5 and 9 then a + b =...

a) 0;   b) 1;   c) 4;   d) 2

Câu 10: The sum of even numbers from 16 to 56 is...

a) 789;   b) 756;   c) 359;   d) 72

Đáp án

Bài 1: Chọn các giá trị theo thứ tự tăng dần

(8) < (16) < (4) < (5) < (1) < (9) < (18) < (14) < (7) < (3) < (17) < (11) < (10) < (19) < (13) < (20) < (15) < (6) < (2)

Bài 2: Đi tìm kho báu

Câu 1: 15

Câu 2: 3/10

Câu 3: 13/2

Câu 4: >; =

Câu 5: 9,25

Câu 6: 0,25

Bài 3: Cóc vàng tài ba

Câu 1: d

Câu 2: c

Câu 3: b

Câu 4: a

Câu 5: d

Câu 6: d

Câu 7: b

Câu 8: a

Câu 9: b

Câu 10: b

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 3 năm 2016 - 2017

Bài 1: Chọn các giá trị theo thứ tự tăng dần

$1\frac{1}{20}$ (1)	The sum of all even$^{(6)}$ numbers from 21 to 34	$\frac{1}{4}$ (11)	$\frac{1}{5}$ of $\frac{140}{4}$ (16)
The greatest distinct $2-$ digit number (2)	$7 + 11 + 15 + 19 + \cdots + 43$ (7)	The sum of 251 and 102 (12)	$\frac{3}{4}$ (17)
The sum of 99 and 222 (3)	$3\frac{1}{4} + 4\frac{1}{5}$ (8)	$\frac{13}{4} - \frac{5}{4}$ (13)	$\frac{4}{5} : 1\frac{6}{10}$ (18)
$\frac{246}{6} - \frac{91}{7}$ (4)	$\frac{12}{3}$ (9)	$\frac{273}{7}$ (14)	The average of 354 and 3628 (19)
$9\frac{3}{5} \times 3\frac{1}{3}$ (5)	$\frac{3 \times 10}{5}$ (10)	$\frac{8008008}{1001001}$ (15)	$\frac{189}{8} - \frac{5}{8}$ (20)

Bài 2: Đi tìm kho báu

Câu 1: The last digit of the product: 1 x 2 x 3 x 4 x ... x 11 is ...

Câu 2: Calculate: $6\frac{1}{6} + 1\frac{5}{6} = ...$

Câu 3: Calculate: $5\frac{2}{7} \times 1\frac{3}{4} = ...$

Câu 4: Calculate: $A = 1\frac{1}{10} + 2\frac{2}{10} + ... + 9\frac{9}{10}$

Câu 5: Calculate: $\frac{20}{16} + \frac{3}{15} + \frac{2}{12} + \frac{3}{4} + \frac{4}{5} + \frac{5}{6} = ...$

Câu 6: Calculate A= $\frac{9}{4 \times 5} + \frac{9}{5 \times 6} + ... + \frac{9}{34 \times 35} + \frac{9}{35 \times 36}$

Câu 7: The least common denominator of two fractions 2/21 and 3/28 is....

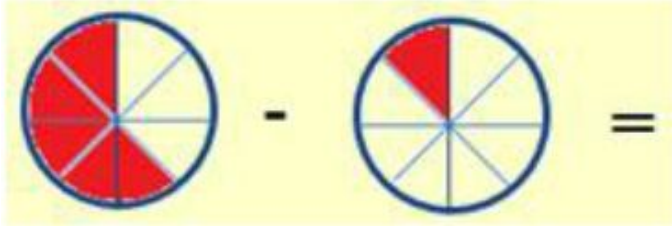Câu 8: The cost of 5 pencils is 9 dollar. How much does Mrs. Emily have to pay for 10 pencils?

Câu 9: Two books and three pens cost $35. Two books and six pén cost $50. How much does each cost?

Câu 10: The sum of two consecutive even numbers is 850, the smaller number is ...

Bài số 3: Cóc vàng tài ba

Câu 1:

a)   b)   c)   d)

Câu 2: Write these fractions: 1/5; 2/1; 3/2; 4/3; 5/4 in order from the greatest to the least. The result is...

a) 1/5 ; 5/4; 4/3; 3/2; 2/1

b) 2/1; 3/2; 4/3; 5/4; 1/5

c) 5/4; 1/5; 4/3; 3/2; 2/1

d) 1/5; 4/3; 5/4; 3/2; 2/1

Câu 3: Find the average of 82/4 and 146/ 4

a) 113/4   b) 57   c) 114   d) 57/2

Câu 4: Convert the mixed number $5\dfrac{7}{9}$ to a fraction.

a) 18/9   b) 12/9   c) 54/9   d) 52/9
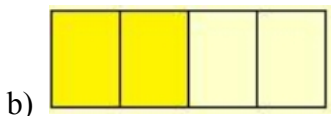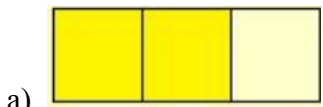
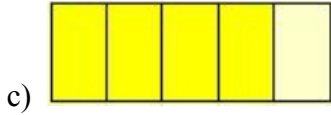Câu 5: The sum of denominator and numerator of the fraction 243/167 is....

a) 420   b) 400   c) 310   d) 410

Câu 6: Look at the following series 3/4; 5/6; 21/20; 8/7; 34/35; 56/49. How many fractions are greater than 1 are there in the series?

a) 2   b) 5   c) 3   d) 4

Câu 7: Which of the following shape is shaded 2/3 of the shape?

a)

b)

c)

d)

Câu 8: The sum of two numbers is 156. The first number is 5/7 the second number. What is the value of the smaller number?

a) 65   b) 91   c) 390   d) 123

Câu 9: Which of the following fractions is equal to 36/162?

a) 1/4   b) 3/9   c) 12/54   d) 2/7

Câu 10: The difference of two numbers is 189. Their ratio is 2/5. Find those two numbers?

a) 54; 135;   b) 234; 214 ;   c) 126; 315;   d) 534; 126

Đáp án

Bài 1: Chọn các giá trị theo thứ tự tăng dần

11 > 18 > 17 > 1 > 13 > 9 > 10 > 16 > 8 >15 > 20 > 4 > 5 > 14 > 2 > 6 > 7 > 3 > 12 > 19

Bài 2: Đi tìm kho báu

Câu 1: 0	Câu 6: 2
Câu 2: 8	Câu 7: 84
Câu 3: 9,25	Câu 8: 18
Câu 4: 49,5	Câu 9: 5
Câu 5: 4	Câu 10: 424

Bài 3: Cóc vàng tài ba:

Câu 1: a	Câu 6: c
Câu 2: b	Câu 7: a
Câu 3: d	Câu 8: a
Câu 4: d	Câu 9: c
Câu 5: d	Câu 10: c

Đề thi Violympic Toán Tiếng Anh lớp 5 vòng 1 năm 2016 - 2017

I. Tìm cặp bằng nhau

The number of right angles of a square (1)	999 (2)	5 (3)	6 (4)
18 (5)	The value of * such that $\overline{234 *}$: 5 and 2 (6)	8 (7)	The value of * such that $\overline{32 * 7}$: 9 (8)
10 (9)	$1.23 + 3.21 + 3.56$ (10)	$324 : 4 : 9 \times 3$ (11)	$\frac{3}{13} + \frac{4}{13} + \frac{6}{13} + 4$ (12)
$\frac{15}{39} : \frac{5}{13}$ (13)	The value of $2x + 3y$ with $x = 3, y = 4$ (14)	Nine hundred and ninety – nine (15)	The value of y such that $2y - 7 = 13$ (16)
0 (17)	4 (18)	27 (19)	1 (20)

II. Đi tìm kho báu

Question 1: What is the perimeter of a rectangle with sides 5cm by 4cm?

Question 2: Find the sum of numbers that are greater than 50 in the following table.

32	49	68
50	52	45

Question 3: If subtracting 19 from the greatesst 2 - digit number and then dividing the difference by 4, we get the result …

A) 19   B) 20   C) 40   D) 20.25

Question 4: There are 38 students in the class 5A. The students can be sit at 11 tables with no empty seats. There are small table for 3 students and large tables for 4 students. How many small tables and large tables in the class?

Question 5: The perimeter of a square is 80cm. What is the measure of each side?

III. Sắp xếp các ô có giá trị tăng dần

$1074 : 3 + 293$ (1)	$1023 - 136 \times 3$ (2)	$1000 : 2$ (3)	70×4 (4)
$238 \times 5 - 130 \times 4$ (5)	$274 \times 4 - 465$ (6)	$111 \times 2 \times 3$ (7)	$(127 + 78) \times 3 + 20 \times 5$ (8)
61×5 (9)	$132 + 143$ (10)	$125 \times 5 - 121$ (11)	$900 - 450$ (12)
$1180 : 4$ (13)	$(473 + 563) : 4 + 462$ (14)	$2325 : 5 + 41$ (15)	$777 - 456$ (16)
$1404 : 6 + 233 \times 2$ (17)	$116 \times 4 + 183$ (18)	$3078 : 9 + 300$ (19)	$810 - 400$ (20)

Đáp án

I. Tìm cặp bằng nhau

(1) = (18); (2) = (15); (3) = (12); (4) = (8); (5) = (14); (6) = (17); (7) = (10); (9) = (16); (11) = 19); (13) = (20)

II. Đi tìm kho báu

Question 1: 18

Question 2: 120

Question 3: b

Question 4: 6; 5

Question 5: 20

III. Sắp xếp các ô có giá trị tăng dần

(10) < (4) < (13) < (9) < (16) < (20) < (12) < (3) < (11) < (15) < (2) < (6) < (19) < (18) < (1) < (7) < (5) < (17) < (8) < (14)

Đề thi Violympic Toán tiếng Anh lớp 5 vòng 4 năm 2016 - 2017

Bài 1: Sắp xếp theo thứ tự tăng dần

(1) 198km 24m	(6) $\frac{1}{8}$ km	(11) 2cm	(16) 4m
(2) 954dam 230m	(7) 769dam	(12) 5436km 341dam	(17) 9km 234m
(3) $\frac{1}{20}$ m	(8) 1km 342m	(13) 65km + 4760hm	(18) $1\frac{1}{8}$ km
(4) 322dm	(9) 143km 314hm	(14) 54hm	(19) 5km 1mm
(5) 106hm 65dm	(10) 9cm	(15) 5432cm	(20) 29mm

Bài 2: Đi tìm kho báu

Câu 1: 2g = ...kg

a) 1/50   b) 1/5   c) 1/40   d) 1/4

Câu 2: Find x such that $x + \dfrac{7}{14} = 6\dfrac{1}{2}$

a) x = 5   b) x = 6   c) x = 11/2   d) x = 5/2

Câu 3: To tile a yard of the school, they used 10800 square tiles with 50cm side length. What is the area of the yard? (The area of mortar joints is negligible)

a) 270m^2 b) 2700m^2 c) 27000m^2 d) 27ha

Câu 4: A 144m of fabric was cut into segments, each segments is 9m long. How many segments are there?

a) 15   b) 16   c) 11   d) 13

Câu 5: There are 61 trees at regular intervals from the beginning of the road to the end of it. The distance between every two consecutive trees is 3m. How long is the road?

a) 183   b) 180   c) 177   d) 186

Bài 3: Điền kết quả thích hợp vào chỗ trống

Câu 1: Comapre: 1/5 tonne 250kg

Câu 2: Convert: 10000dm = ...km

Câu 3: Convert: 2hm 4dam = ... m

Câu 4: Calculate: 8m 27dm - 2m 4cm = ...cm

Câu 5: The first box contains 350kg of strawberries. The second box contains 50kg of strawberries more than the first one does. How many kilograms of strawberries do the two boxes contain?

Câu 6: Find the value of a such that 2/3 < a/9 < 5/6

Câu 7: Find the value of x such that 216/x m= 2400cm

Câu 8: A tank contained 414l of honey. 1/3 of this amount was taken away. How many liters of honey are left?

Câu 9: A 6 - digit number begins with the digit 8. The number is divisible by 9 and all digits of the number are different. What is the possible smallest value of this number?

Câu 10: The average mass of a group of children is 47kg. If 5/13 of the number of children are girls and their average mass is 39kg. Find the average mass of the boys?

Đáp án

Bài 1: Sắp xếp theo thứ tự tăng dần

11 < 20 < 3 < 10 < 16 < 4 < 15 < 6 < 18 < 8 < 19 < 14 < 7 < 17 < 2 < 5 < 9 < 1 < 13 < 12

Bài 2: Đi tìm kho báu

Câu 1: c

Câu 2: b

Câu 3: b

Câu 4: b

Câu 5: b

Bài 3: Điền kết quả thích hợp vào chỗ trống

Câu 1: <

Câu 2: 1

Câu 3: 240

Câu 4: 866

Câu 5: 750

Câu 6: 7

Câu 7: 9

Câu 8: 276

Câu 9: 801234

Câu 10: 52