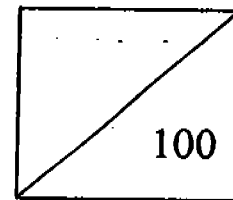




SAT

Catholic High School
Mid-Year Examination 2005
Mathematics
Primary 2



Name: _____ ()

Class: Primary 2 _____

Date: 18 May 2005

Duration: 1 h 15 min

Parent's signature : _____

There are 3 sections consisting of 18 pages in this paper.

Section A: Multiple-Choice Questions 20 x 2 marks

Section B: Open-Ended Questions 20 x 2 marks

Section C: Story Sums 5 x 4 marks

Section A: Multiple-Choice Questions (20 x 2 marks)

Choose the correct answer and write its number in the brackets provided.

1) The value of digit 5 in 659 is _____.

- (1) 5 ones
- (2) 5 tens
- (3) 50 tens
- (4) 5 hundreds

()

2) Add 507 and 384. The answer is _____.

- (1) 123
- (2) 283
- (3) 881
- (4) 891

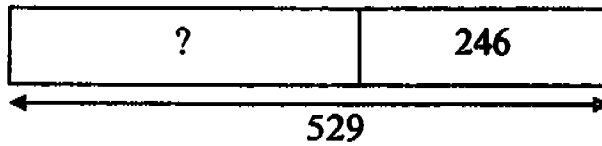
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3) Subtract 616 from 1000. The answer is _____.

- (1) 384
- (2) 394
- (3) 484
- (4) 494

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4) Look at the model below. What is the missing number in the model?



- (1) 283
- (2) 323
- (3) 765
- (4) 775

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5) The table below shows the height of 3 pupils.

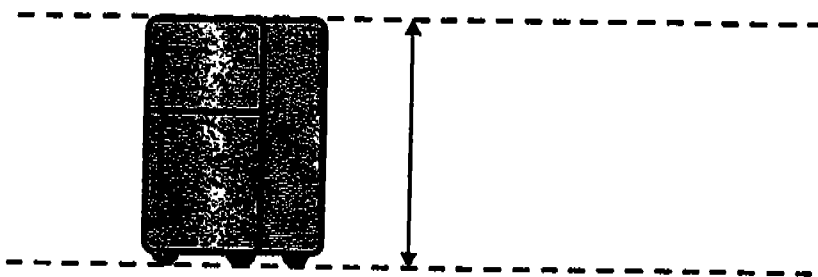
Shu Xiang	147 cm
Kumar	163 cm
Ali	136 cm

Which of the following shows the height of the pupils arranged from the shortest to the tallest?

- (1) Ali, Kumar, Shu Xiang
- (2) Ali, Shu Xiang, Kumar
- (3) Kumar, Shu Xiang, Ali
- (4) Shu Xiang, Kumar, Ali

()

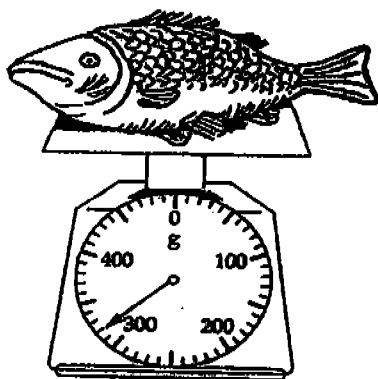
- 6) Mr Cheong bought a new refrigerator to be placed in the kitchen. He measured the height of the refrigerator. It would be about _____ tall.



- (1) 1 cm
- (2) 2 m
- (3) 30 cm
- (4) 400 m

()

- 7) The mass of the fish is _____ g.



- (1) 32
- (2) 2
- (3) 302
- (4) 320

()

8) $3 \times 4 =$ _____

(1) $3 + 3 + 3$

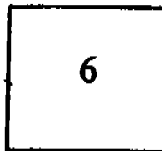
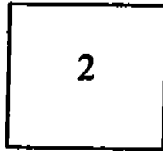
(2) $3 \times 3 \times 3$

(3) $4 + 4 + 4$

(4) $4 \times 4 \times 4$

()

9) The product of the numbers found in the 2 squares below is _____.



(1) 8

(2) 12

(3) 3

(4) 4

()

10) I am a number that is 28 less than 565. What number am I?

(1) 537

(2) 547

(3) 583

(4) 593

()

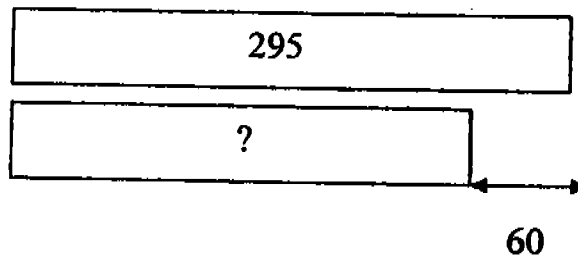
11) Who has the greatest difference between Game 1 and 2?

Names	Game 1	Game 2
Sally	86	88
Mary	79	91
Jerry	82	82
Evan	90	89

- (1) Sally
- (2) Mary
- (3) Jerry
- (4) Evan

()

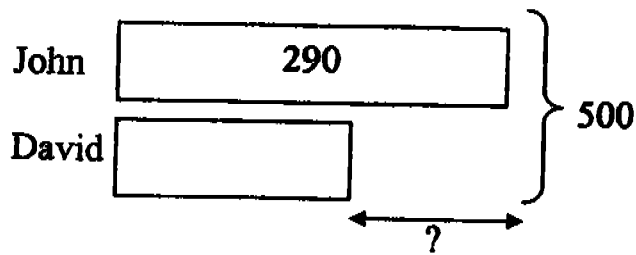
12) Charles and Keith sold 295 handbags last month. They sold 60 fewer handbags this month. How many bags did they sell this month?



- (1) 95
- (2) 235
- (3) 355
- (4) 650

()

- 13) John and David had some beads as shown in the model below. How many more beads did John have than David?



- (1) 80
(2) 210
(3) 370
(4) 790

()

- 14) Jacqueline cut a 25-cm long ribbon into 3 pieces. If 2 pieces were 9 cm each, the length of the third piece was _____ cm.

- (1) 7
(2) 9
(3) 16
(4) 18

()

- 15) Nicholas is 8 years old. Which of the following is his mass?

- (1) 28 g
(2) 35 kg
(3) 100 g
(4) 100 kg

()

16) A total of 16 cakes are arranged in 2 rows on the tray. Each row has an equal number of cakes. How many cakes are there in each row?

- (1) 7
- (2) 8
- (3) 14
- (4) 18

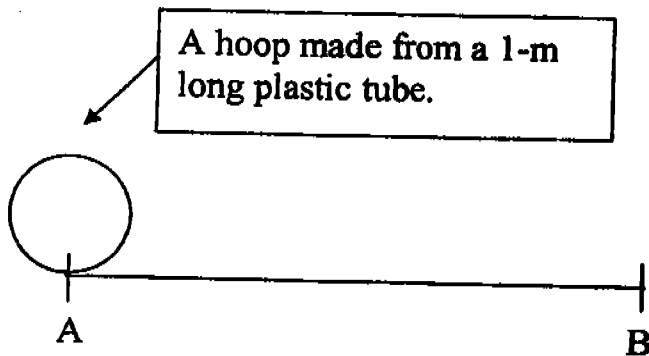
()

17) I am thinking of a number. When I add 46 to the number, I get 352. What will I get when I subtract 60 from the number?

- (1) 246
- (2) 292
- (3) 305
- (4) 397

()

18) Refer to the figure below and answer the following question.

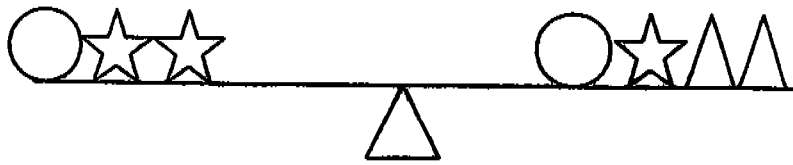



Jeremy rolled the hoop on the ground in a straight line from Point A to Point B. The hoop turned 4 complete rounds. The length from Point A to Point B is _____ m.


- (1) 1
- (2) 2
- (3) 3
- (4) 4

()

19) The total mass of a triangle, a circle and a star is _____ kg.



 = 4 kg

 = 1 kg

- (1) 5
- (2) 2
- (3) 7
- (4) 8

()

20) Emily collects seashells. For every 3 seashells she collects, she keeps 2 and gives 1 to her brother. Last week, Emily collected 18 seashells. How many of these seashells did she give to her brother?

- (1) 6
- (2) 9
- (3) 3
- (4) 4

()

Section B: Open-Ended Questions (20 x 2 marks)

Fill in the blanks with the correct answers.

21) Write the following numerals in words.

(a) 19 : _____

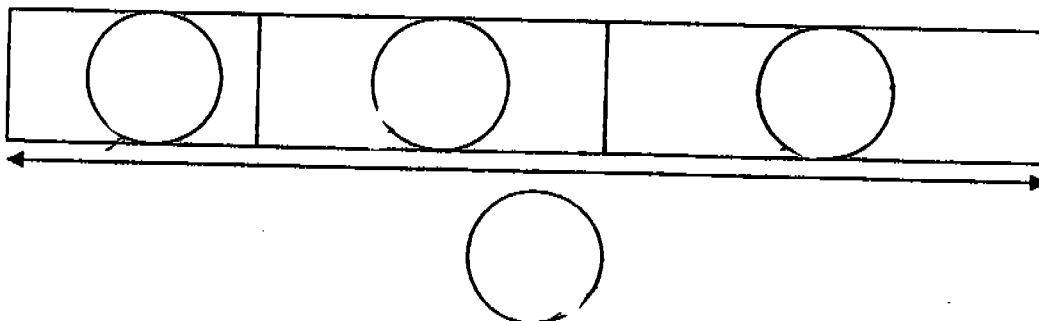
(b) 541 : _____

22)
$$\begin{array}{r} 484 \\ - 275 \\ \hline \end{array}$$

The answer is _____.

23) Add 36 to the sum of 163 and 352. The answer is _____.

24) Look at the model and fill in the numbers in the circles accordingly.



- 25) Use a ruler to measure the ribbon shown below.



The length of the ribbon is about _____ cm.

- 26) A box with some pencils in it has a mass of 598 g. The empty box has a mass of 269 g. What is the mass of the pencils?

The mass of the pencils is _____ g.

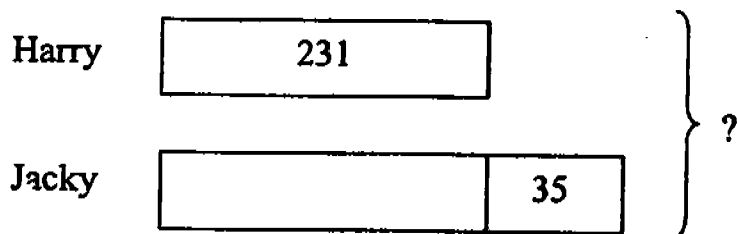
- 27) There are 18 candles altogether on some cakes. If each cake has 3 candles, how many cakes are there?

There are _____ cakes.

- 28) There are 16 more flowers in a red pot than in a blue pot. There are 107 flowers in the blue pot. How many flowers are there in the red pot?

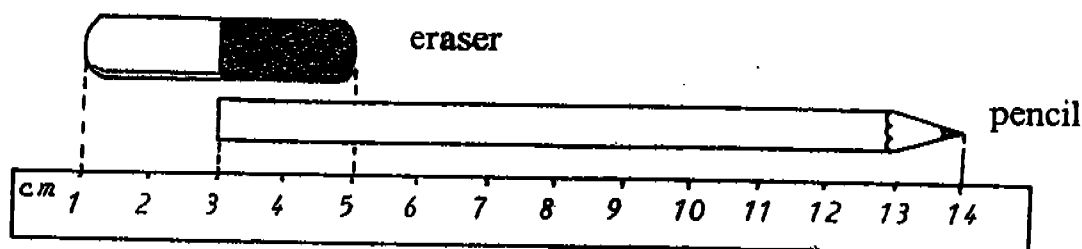
There are _____ flowers in the red pot.

29) Look at the model below. How many stamps do they have altogether?



They have _____ stamps altogether.

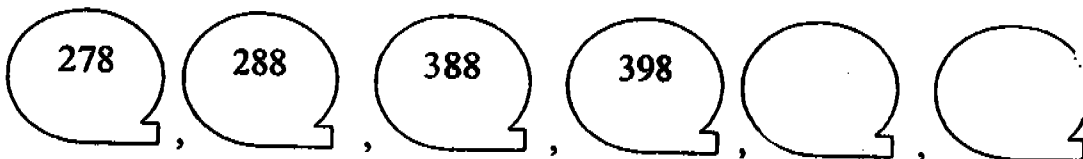
30) Refer to the figure below and answer the following questions.



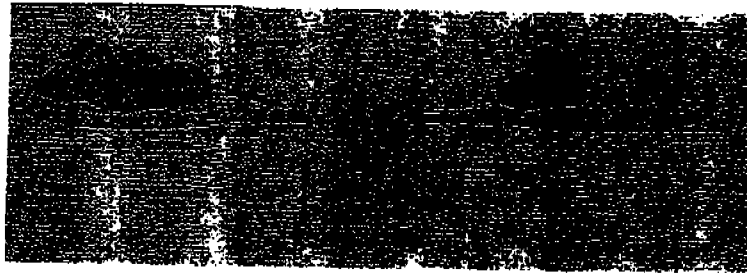
(a) The length of the pencil is _____ cm.

(b) The eraser is _____ cm shorter than the pencil.

31) Look at the number pattern. Fill in the missing numbers.

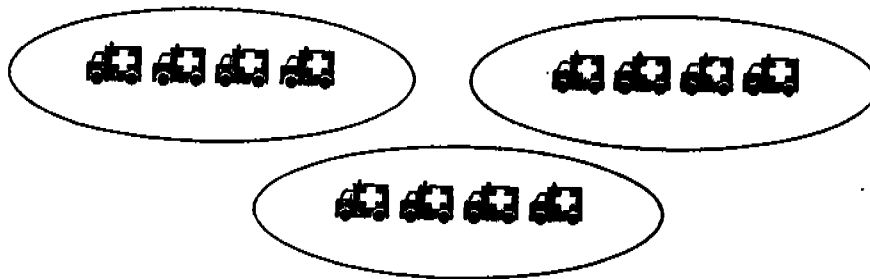


32) Study the diagram carefully. What is the mass of 2 mice?



The mass of 2 mice is _____ g.

33) Look at the diagram below. Write a multiplication and a division sentence for the diagram.



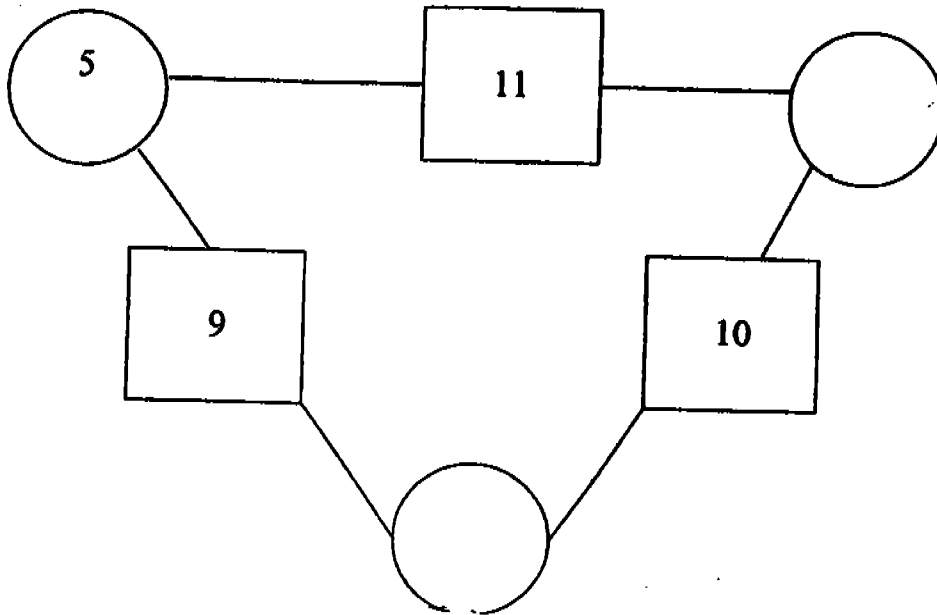
(a) _____ x _____ = _____

(b) _____ ÷ _____ = _____

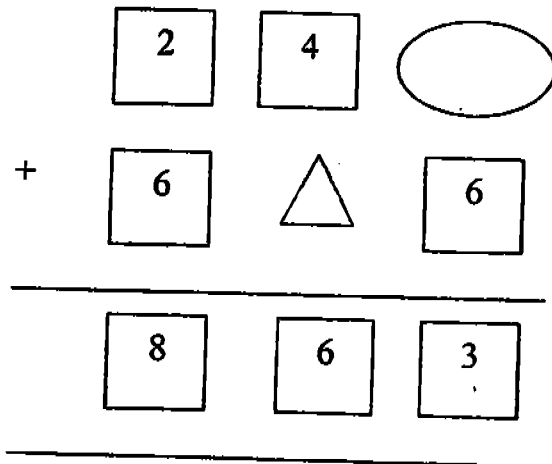
34) In a three-digit number, the digit in the hundreds place is 3 and the digit in the tens place is 3 times the digit in the hundreds place. If the sum of the digits is 12, what is the number?

The number is _____.

- 35) In the figure below, the number in a square is always the sum of the numbers in the circles on either side of it. Find the missing number in each circle for the figure.

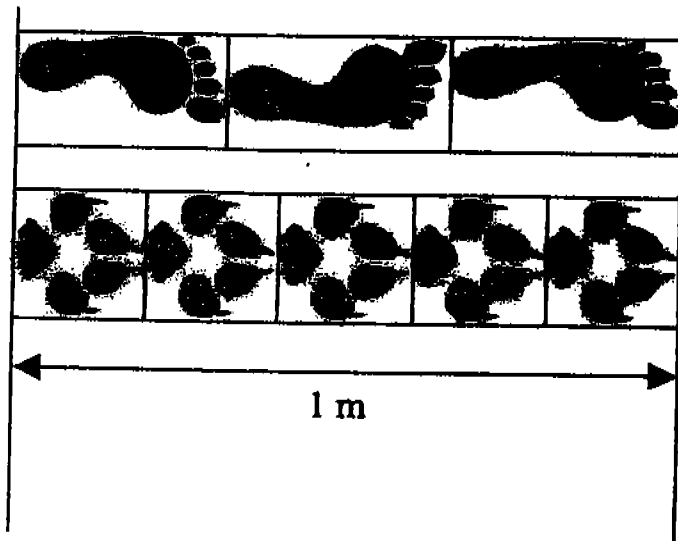


- 36) Which number must be written in the \triangle ?



The answer is _____.

- 37) In the figure below, a man takes 3 paces to walk 1 m while Googol, the monster takes 5 paces. If they both walk 3 m, how many more paces would Googol need to walk than the man?

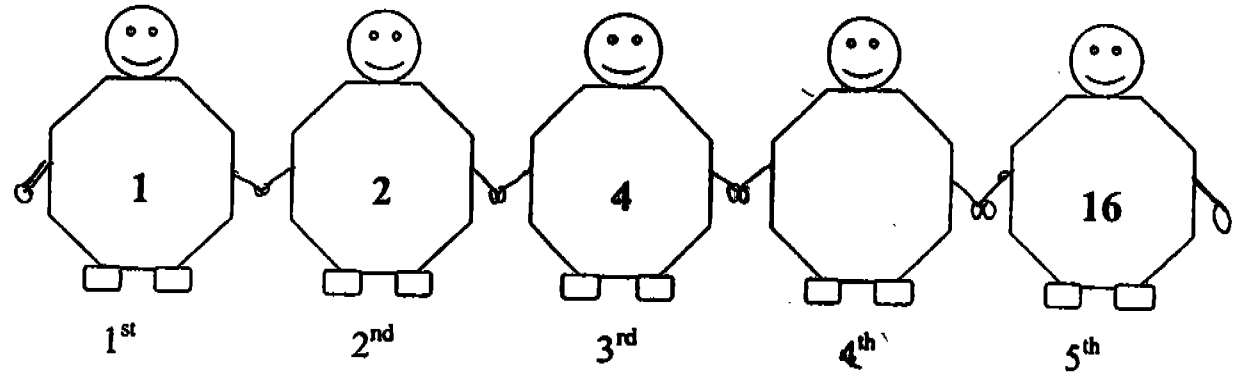


Googol would need to walk _____ more paces.

- 38) Patrick and Thomas weigh 68 kg together while Mary and Thomas weigh 57 kg together. How much heavier is Patrick than Mary?

Patrick is _____ kg heavier than Mary.

39) Mr Lee had 5 robots. He gave the robots a number each following the pattern below. What number did he give to the 4th robot?



40)

$$\clubsuit + \clubsuit + \clubsuit = \clubsuit \times \clubsuit$$

The value of \clubsuit is _____.

Section C: Story Sums (5 x 4 marks)

Complete the following questions. All workings must be clearly shown.

- 41) Jonathan had some marbles. He lost 108 marbles and has 239 marbles now. How many marbles did he have at first?

He had _____ marbles at first.

- 42) Gopal saved \$3 every day for a week. How much did he save altogether?

He saved \$ _____ altogether.

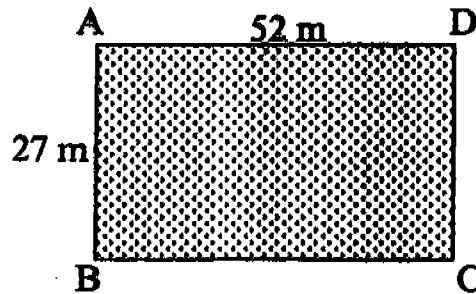
- 43) Buckets A and B can hold the same amount of sand. Bucket A is completely filled with 82 kg of sand. Bucket B is filled with 25 kg of sand. How much more sand do you need to add into Bucket B so as to fill it up fully?

I need to add _____ kg of sand into Bucket B so as to fill it up.

- 44) Kelly has 428 wooden blocks. Alan has 600 wooden blocks. How many more wooden blocks must Kelly buy so that she has the same number of wooden blocks as Alan?

Kelly must buy _____ more wooden blocks.

- 45) The figure below shows a school field. The length of the field is 52 m and the width is 27 m. Peter ran along the length AD once and Jane ran along the width AB twice.



- (a) How far did Jane run?

Jane ran _____ m.

- (b) How many more metres did Jane run than Peter?

Jane ran _____ m more than Peter.

CATHOLIC HIGH SCHOOL
MID YEAR EXAMINATION 2005
MATHEMATICS
PRIMARY 2

SAT

- 1) 2 27) 6
2) 4 28) 123
3) 1 29) 497
4) 1 30) a) 11
 b) 7
5) 2
6) 2 31) 498 508
7) 4 32) 300
8) 3 33) a) 3 4 12
 b) 12 3 4
9) 2
10) 1 34) 390
11) 2 35) 6
 4
12) 2
13) 1 36) 1
14) 1 37) 6
15) 2 38) 11
16) 2 39) 8
17) 1 40) 3
18) 4 41) 347
19) 3
20) 1 42) 21
21) a) nineteen 43) 57
 b) five hundred and forty-one
22) 209 44) 172
23) 551 45) a) 54 b) 2
24) 128 305 513
 946
25) 7
26) 329