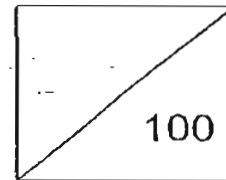




Catholic High School
End-Of-Year Examination 2007
Mathematics
Primary 3



Name: _____ ()

Class: Primary 3 _____

Date: 25th October 2007

Duration: 1 h 30 min

Parent's Signature: _____

There are 3 sections consisting of 19 pages in this paper.

Section A: Multiple-Choice Questions (MCQ) 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)

For each of the question from 1 to 20, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet (OAS).

1. How many tens are there in 5348?
 - (1) 48
 - (2) 348
 - (3) 534
 - (4) 4

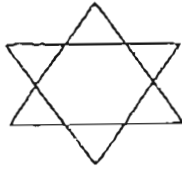
2. 3762 is 985 more than _____.
 - (1) 2777
 - (2) 2877
 - (3) 4647
 - (4) 4747

3. Find the product of 492 and 6.
 - (1) 82
 - (2) 498
 - (3) 2952
 - (4) 3056

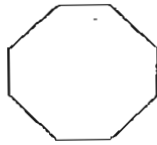
4. Express 175 minutes in hours and minutes.
 - (1) 2 h 25 min
 - (2) 2 h 45 min
 - (3) 2 h 55 min
 - (4) 3 h 15 min

5. Which one of the following diagrams has 3 pairs of parallel lines only?

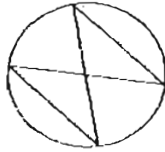
(1)



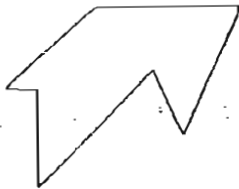
(2)



(3)



(4)



6. A fruit seller had 45 more durians than watermelons. After selling 168 watermelons, he had 23 watermelons left. How many durians did he have?

(1) 146

(2) 191

(3) 213

(4) 236

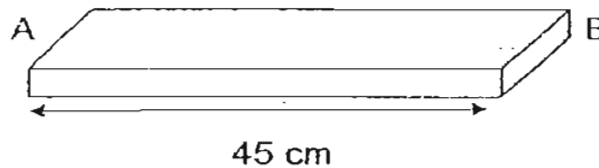
7. A bakery had 95 apple tarts and some egg tarts. After selling 286 tarts, there were 47 tarts left. How many egg tarts were there at first?

- (1) 142
- (2) 238
- (3) 239
- (4) 333

8. Mr. Tan wanted to pack some potatoes into packets of 6 potatoes each. After packing the potatoes, he had 9 packets and was left with 5 potatoes. How many potatoes did he have in all?

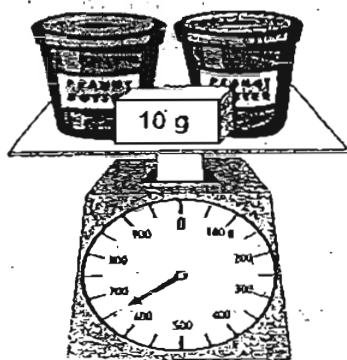
- (1) 39
- (2) 49
- (3) 54
- (4) 59

9. The length of the wooden plank AB is 45 cm. John wants to make cuts on the wooden plank at 9-cm intervals. How many cuts will he have made from A to B?



- (1) 5
- (2) 36
- (3) 54
- (4) 4

10. Look at the picture below.



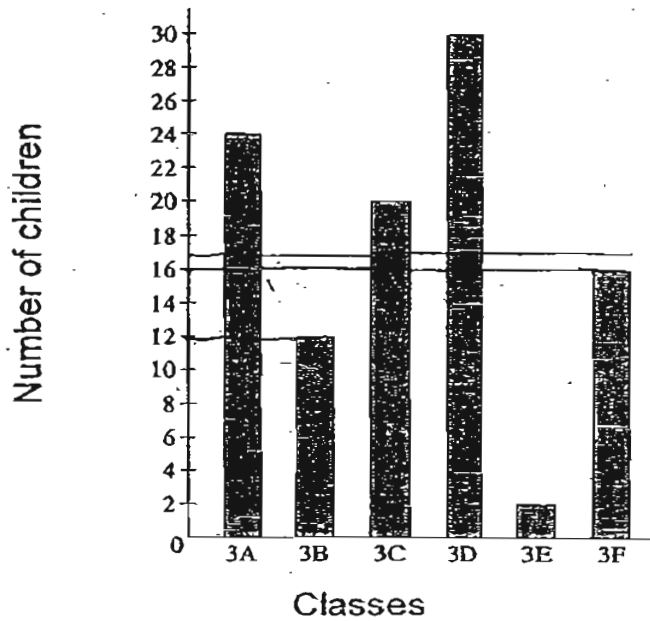
Given that the mass of both jars of peanut butter is the same, find the mass of 1 jar of peanut butter.

- (1) 320 g
- (2) 325 g
- (3) 640 g
- (4) 650 g

11. Mrs. Ng spent $\frac{5}{12}$ h on mopping the floor and $\frac{1}{4}$ h on doing the laundry. How much time did she spend on both chores?

- (1) $\frac{1}{6}$ h
- (2) $\frac{1}{3}$ h
- (3) $\frac{1}{2}$ h
- (4) $\frac{2}{3}$ h

The graph below shows the number of children who keep pets in some classes. Use it to answer questions 12 and 13.



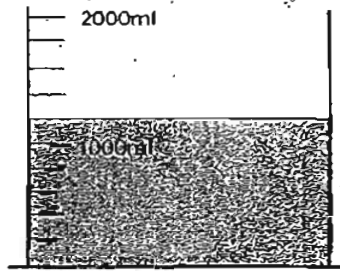
12. If there are 37 children in class 3F, how many children do not keep pets?

- (1) 16
- (2) 21
- (3) 35
- (4) 53

13. Which class has half as many children keeping pets as class 3A?

- (1) 3B
- (2) 3C
- (3) 3D
- (4) 3E

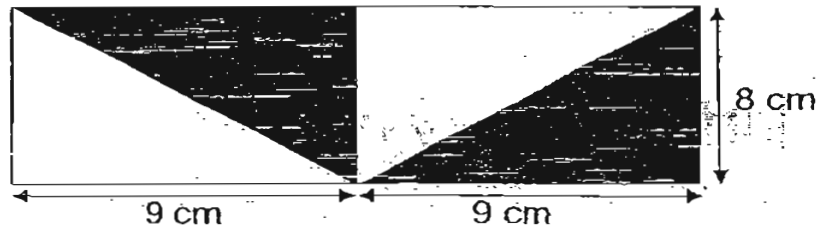
14. The beaker shown below contains some water.



280 ml of water is added to the water in the beaker, how much water will there be in the beaker now?

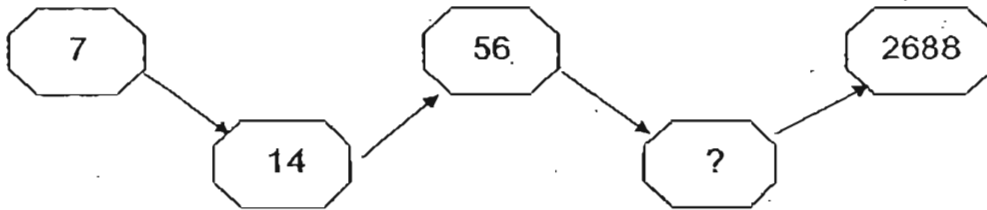
- (1) 920 ml
- (2) 1250 ml
- (3) 1380 ml
- (4) 1480 ml

15. Find the shaded area of the figure below.





- (1) 36 cm^2
- (2) 52 cm^2
- (3) 72 cm^2
- (4) 144 cm^2

16. Study the pattern carefully. Find the missing number.



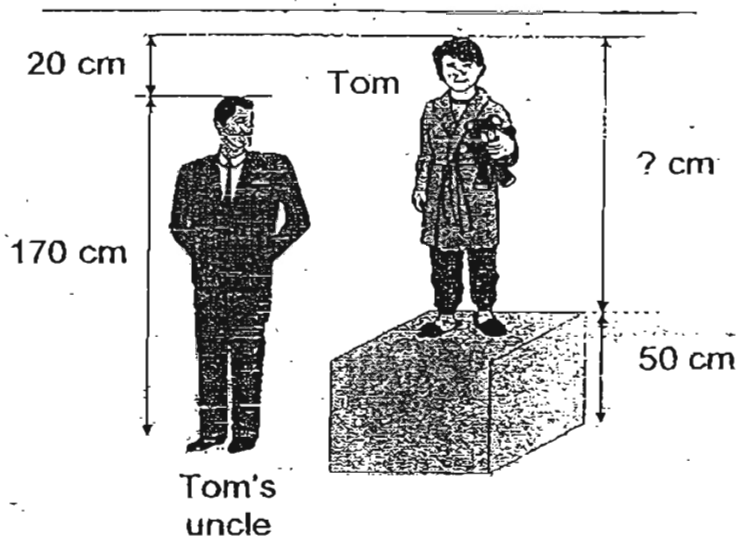
- (1) 21
- (2) 28
- (3) 56
- (4) 336

17. Li Da spilled some ink on a receipt.
What was the greatest total possible amount on the receipt?

Receipt	
Toothpaste	--- \$3.50
Detergent	--- \$6.80
Toilet Roll	--- \$4. 
Total	\$15.  5

- (1) \$15.05
- (2) \$15.15
- (3) \$15.25
- (4) \$15.95

18. What is the height of Tom?



- (1) 50 cm
- (2) 120 cm
- (3) 140 cm
- (4) 190 cm

19. The mass of a beaker of water filled to the brim was 650 g. When half of the amount of water was poured out, the total mass of the beaker of water became 410 g. What was the mass of the empty beaker?

- (1) 140 g
- (2) 170 g
- (3) 240 g
- (4) 1060 g

20. Terrence had some toys.

$\frac{1}{2}$ of the total number of toys were guns.

$\frac{1}{4}$ of the total number of toys were cars.

The rest were aeroplanes.

Given that there were 5 toy cars, how many toys did he have in all?

- (1) 5
- (2) 10
- (3) 15
- (4) 20

Please turn over to the next page.

SECTION B: Open-ended Questions (20 x 2 marks)

Show your working clearly in the space provided and write the correct answers in the answer boxes provided.

21. $\$18.90 + \$43.55 = \underline{\hspace{2cm}}$

\$

22. Fill in the blanks with "m" or "km".

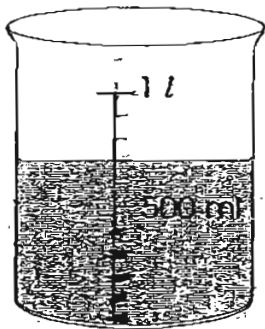
a) Joe cycles 6 _____ to school every day.

(a)

b) The height of a tree is 10 _____ tall.

(b)

23.



Beaker



Packet

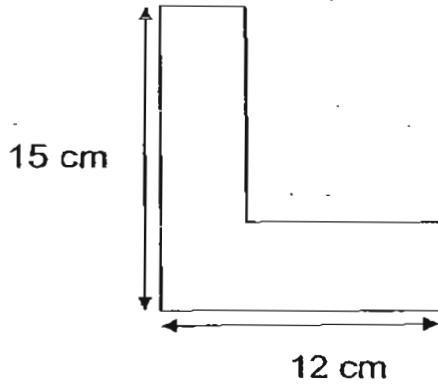


Glass

The beaker contains some milk while the packet and the glass are empty. How much milk will be left in the beaker after filling some milk into the packet and the glass completely?

ml.

24. Find the perimeter of the figure below.



25. How many odd numbers are there between 2356 and 2368?

26. A bottle can hold 426 ml of tomato juice. How much tomato juice can 8 such bottles hold?
Express your answer in litres and millilitres.

27. Arrange the fractions in order, beginning with the greatest.

$$\frac{1}{3}, \frac{5}{6}, \frac{3}{4}$$

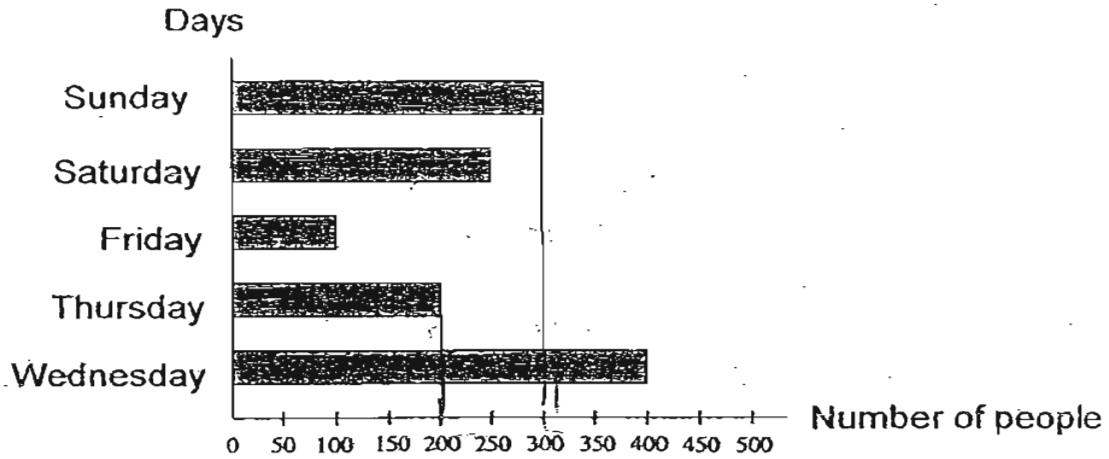
Greatest

28. The table below shows the number of curry puffs sold by five shops in a week. Which three shops sold a total of 990 curry puffs?

	Number of curry puffs sold
Shop A	125
Shop B	865
Shop C	399
Shop D	466
Shop E	373

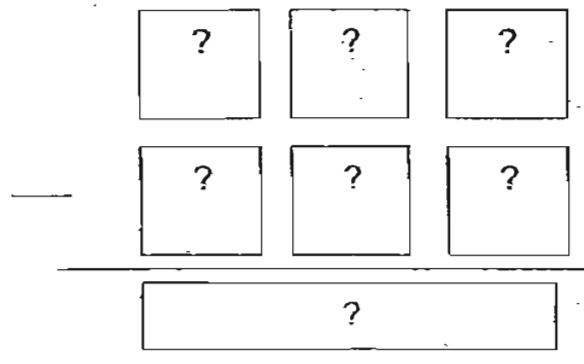
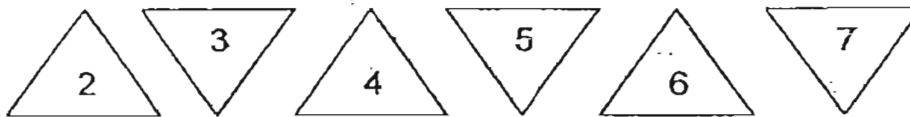
29. Benny left his house for work at 8.50 a.m. He took 45 min to travel to work. At what time did he reach his office?

30. The graph below shows the number of people at a swimming complex over five days.



There were 100 fewer people who went to the swimming complex on Sunday than on _____.

31. By using all the digits as shown below, find the greatest difference.
Use all the digits once only.



32. Look at the figure below. How many angles are greater than a right angle inside the figure?



_____ angles

33. Evan cycled once around a rectangle field with a perimeter of 500 m. If the length of the field is 150 m, find its breadth

_____ m

34. Study the pattern carefully. How many cubes will there be in Figure 5?



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