

Holy Innocents' Primary School
Semestral Assessment 2 – 2015
Primary Two
Mathematics

Duration: 1 hour 30 minutes

Instructions:

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.

	Obtained	Max.
Section A		40
Section B		40
Section C		20
Total		100

Name: _____ ()

Date : 30 October 2015

Class : 2 Charity ()

Parent's Signature: _____

SECTION A: (20 × 2 marks)

For each question, four options are given. One of them is the correct answer. Choose the correct answer and shade the correct oval in the Optical Answer Sheet (OAS).

1) $343 + 11 = \boxed{?}$

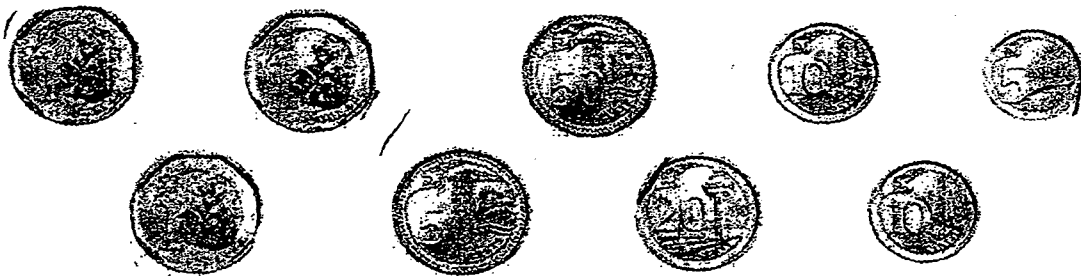
(1) 233

(3) 354

(2) 332

(4) 453

2) The total amount of money shown below is $\boxed{?}$.



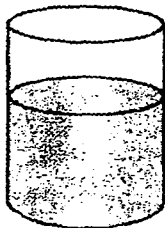
(1) \$4.15

(3) \$4.35

(2) \$4.25

(4) \$4.45

3) The diagram below shows four beakers, A, B, C and D, containing different amounts of water.



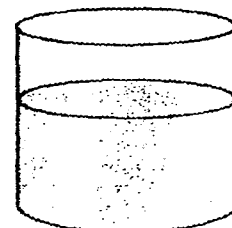
A



B



C



D

Arrange the beakers in order, beginning with the one which contains the greatest amount of water.

(1) A, D, C, B

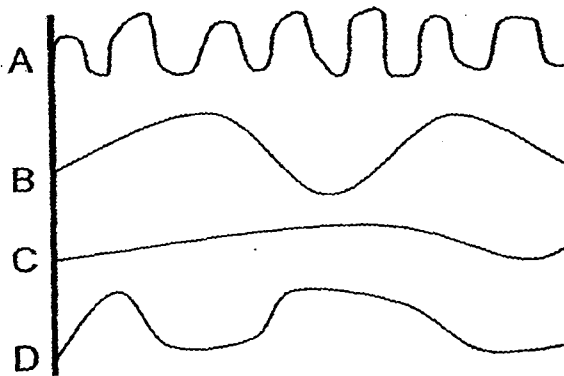
(3) D, C, B, A

(2) D, A, C, B

(4) B, C, A, D

Score: $\boxed{}$

- 4) The diagram below shows 4 lines, A, B, C, and D.
Which line is the shortest?



- (1) A (3) C
(2) B (4) D
- 5) Mrs Lim bought a sack of rice from the supermarket.
The mass of the sack of rice is about .
- (1) 5 g (3) 5 kg
(2) 50 g (4) 50 kg
- 6) Look at the shapes below.



Which shape is 3rd from the right?

- (1) circle (3) square
(2) rectangle (4) triangle

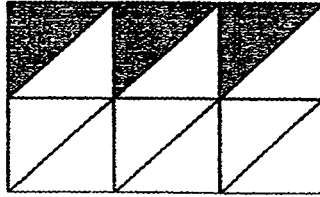
7) $4 + 4 + 4 + 4 + 4 = \boxed{?} \times 4$

What is the missing number in the box?

- (1) 5 (3) 20
(2) 16 (4) 4

- 8) The figure below is made up of 12 identical triangles.

How many more triangles should be shaded so that $\frac{9}{12}$ of the figure is shaded?



- (1) 6 (3) 3
(2) 12 (4) 21

- 9) What is the value of 4 hundreds, 5 tens and 24 ones?

- (1) 429 (3) 645
(2) 474 (4) 690

- 10) John has 18 sweets. He shares them equally with his 2 friends. How many sweets does each of his friends get?

- [illegible]

- 11) Bess reads 3 pages of a story book each day. How many pages will she read in a full week?

- (1) 12 (3) 18
(2) 15 (4) 21

12) 835 is less than 945.

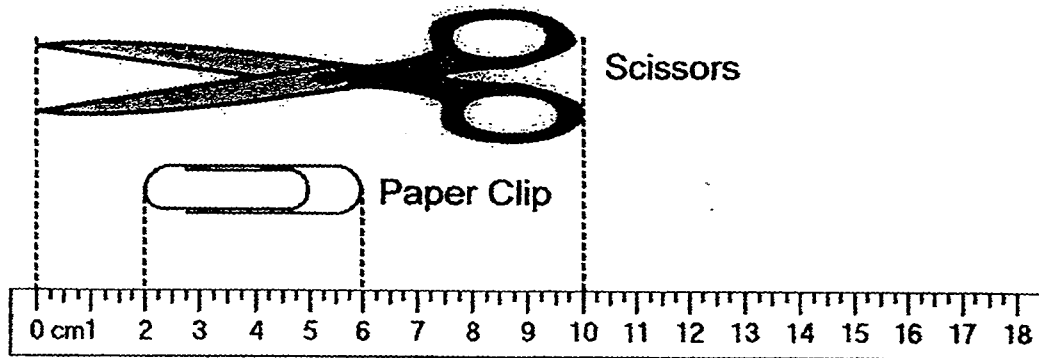
(1) 10

(3) 100

(2) 11

(4) 110

13) Look at the pictures below carefully.



The paper clip is cm shorter than the scissors.

(1) 6

(3) 16

(2) 14

(4) 4

14) Study the number pattern below carefully.



What is the missing number?

(1) 414

(3) 424

(2) 420

(4) 430

- 15) Arrange the following fractions in order, beginning with the smallest.

$\frac{1}{12}$, $\frac{1}{7}$, $\frac{1}{10}$

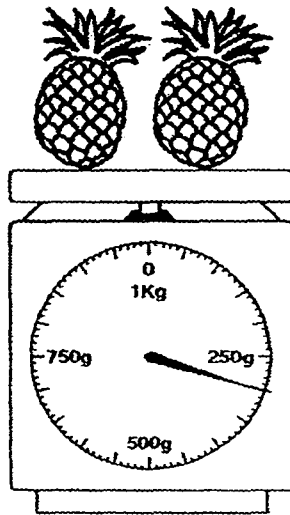
(1) $\frac{1}{7}$, $\frac{1}{12}$, $\frac{1}{10}$

(3) $\frac{1}{12}$, $\frac{1}{10}$, $\frac{1}{7}$

(2) $\frac{1}{10}$, $\frac{1}{12}$, $\frac{1}{7}$

(4) $\frac{1}{7}$, $\frac{1}{10}$, $\frac{1}{12}$

- 16) The picture below shows 2 similar pineapples on a weighing scale.



What is the mass of 1 pineapple?

(1) 130 g

(3) 260 g

(2) 150 g

(4) 300 g

- 17) Jean bought two similar shirts and had \$88 left. Each shirt cost \$64. How much money did Jean have at first?

(1) \$128

(3) \$216

(2) \$176

(4) \$240

- 18) Ali and Betty shared a pizza.
Ali ate $\frac{2}{9}$ of the pizza. Betty ate as much pizza as Ali.
What fraction of the pizza was left?

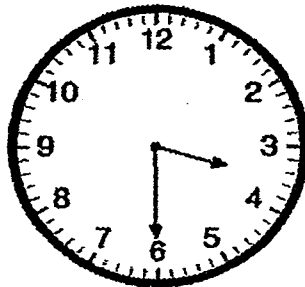
(1) $\frac{5}{9}$

(3) $\frac{3}{9}$

(2) $\frac{6}{9}$

(4) $\frac{4}{9}$

- 19) Tom's family went for a movie.
The movie started at the time shown below and lasted for two hours.



After the movie, Tom's family went for dinner and they reached home just in time for the 7 o'clock news on television.
At what time did Tom's family have dinner?

(1) 3.30 p.m.

(3) 6.00 p.m.

(2) 5.00 p.m.

(4) 7.30 p.m.

- 20) 5 pens were sold for \$4. Alice bought 20 pens.
How much did she pay in all?

(1) \$5

(3) \$20

(2) \$16

(4) \$4

- End of Section A -

SECTION B: (20 × 2 marks)

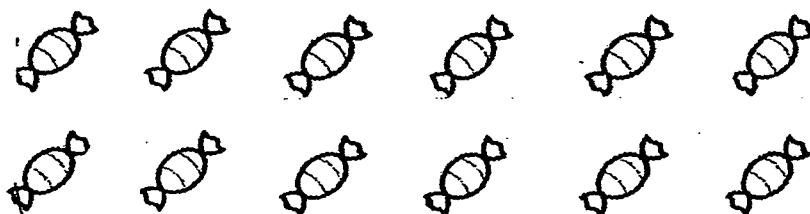
For each question, write your answer in the **boxes** provided.

Give your answers in the units stated.

Show your workings clearly where appropriate.

- 21) Write 945 in words.

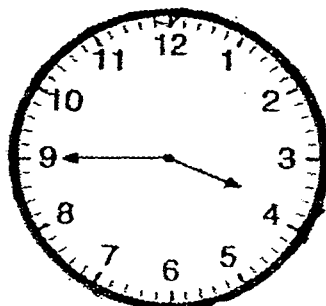
- 22) Circle the objects below to show groups of 3.



- 23) \$8.80 = ¢

- 24) $\frac{2}{7} + \frac{3}{7} =$

- 25) The clock below shows the time that May left her school yesterday afternoon. At what time did she leave her school?



The picture graph below shows the different types of cakes at a bakery. Study it carefully and answer questions 26 and 27.

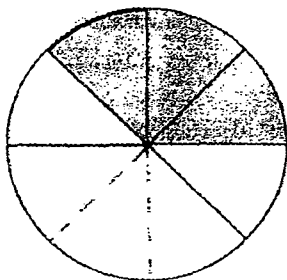
Types of Cakes at a Bakery

Blueberry	○ ○ ○
Strawberry	○ ○
Vanilla	○ ○ ○ ○ ○ ○ ○ ○
Chocolate	○ ○ ○ ○ ○ ○
Banana	○ ○ ○
Each ○ stands for 4 cakes.	

- 26) There are chocolate cakes altogether.

- 27) There are 32 vanilla cakes in the bakery.
Draw the correct number of ○ to represent the number of vanilla cakes in the graph above.

- 28) Study the figure below carefully.



What fraction of the figure is not shaded?

of the figure is not shaded.

29) How many fifths are there in 6 wholes?

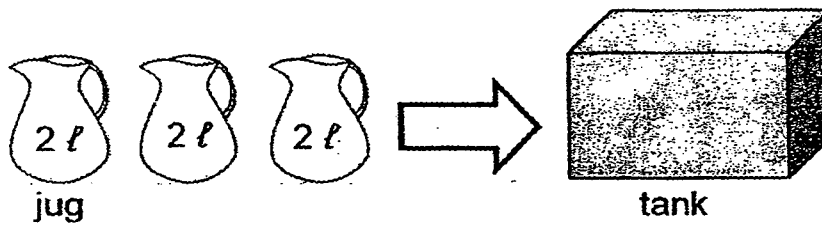
30) There were 436 passengers in a train.
At a train station, 145 passengers got off the train and 216 passengers boarded the train.
How many passengers are there on the train now?

There are passengers on the train now.

31) Jane saved \$20.
Ali saved 3 times as much as her.
How much more money did Ali save than Jane?

Ali saved more than Jane.

- 32) 3 similar jugs can fill up the tank completely as shown below.



Each jug contains 2 l of water.

How much water is needed to fill up 4 tanks completely?

 l

- 33) Study the pattern below.



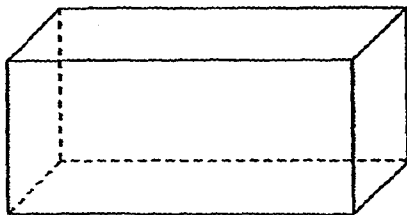
What is the missing shape?

- 34) Mrs Tan made 42 l of orange juice for a party.
During the party, her guests drank 37 l of orange juice.
How many litres of orange juice had she after the party?

She had of orange juice after the party.

 l

- 35) The picture below shows a cuboid.



3 cuboids have flat surfaces altogether.

- 36) Peifen has a mass of 60 kg.
She is 28 kg heavier than Junhao.
What is the mass of Junhao?

The mass of Junhao is .

- 37) Fill in the boxes below using the digits 4, 5, 6, and 7 once only to give the smallest possible answer.

$$\begin{array}{r}
 \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} \\
 + \begin{array}{|c|} \hline \square \\ \hline \end{array} \begin{array}{|c|} \hline \square \\ \hline \end{array} \\
 \hline
 \end{array}$$

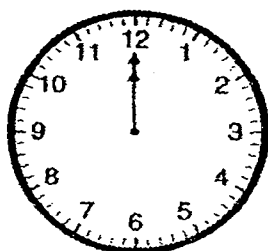
38) $\star \times \star = 16$ and
 $\heartsuit + \star = 13$.

What is the value of $\heartsuit$?

- 39) 3 teams took part in a competition.
 Team A scored 125 points, Team B scored 183 points and
 Team C scored 287 points.
 How many points did the three teams score in all?

The three teams scored ? points in all .

- 40) The clock below shows the time that a television programme ended on a Sunday afternoon. The television programme was one hour long.



At what time did the television programme start?

- End of Section B -

SECTION C: (5 × 4 marks)

Solve the following problems. Show your working clearly in the given spaces.

- 41) A toy car and a toy plane has a total mass of 684 g.
The toy car has a mass of 306 g.
What is the mass of the toy plane?

-
- 42) A cake was cut into 10 equal pieces.
Josh ate 2 pieces and Daniel ate 2 pieces more than Josh.
What fraction of the cake was left?

- 43) The length of a rope is 24 m long.
Jim cuts the rope into two pieces, A and B.
Rope A is 4 m longer than Rope B.
What is the length of Rope B?

-
- 44) Mrs Lim bought some eggs.
She threw away 3 rotten eggs and used the remaining eggs to bake 8
cakes. 4 eggs were used for each cake.
How many eggs did Mrs Lim buy at first?

- 45) Bala, Peter and Xiaoming have some money. Bala has \$184.
Peter has \$40 more than Bala but \$20 less than Xiaoming.

a) How much more money does Xiaoming have than Bala?

b) How much money do the three of them have in all?

- End of Paper -

EXAM PAPER 2015**LEVEL : PRIMARY 2****SCHOOL : HOLY INNOCENTS' PRIMARY SCHOOL****SUBJECT : MATHEMATICS****TERM : SA2**

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

Q21. nine hundred and forty-five Q22. 4 groups of 3

Q23. 880¢ Q24. $\frac{5}{7}$ Q25. 3.45 pm Q26. 24Q27. 8 circles Q28. $\frac{5}{8}$ Q29. 30 Q30. 507 $\rightarrow 436-145=291, 291+216=507$ Q31. \$40 $\rightarrow 3 \times \$20 = \$60, \$60 - \$20 = \$40$ Q32. 24L Q33. Q34. 5L $\rightarrow 42L - 37L = 5L$ Q35. 18 Q36. 32kg $\rightarrow 60kg - 28kg = 32kg$ Q37. 47+56=103 Q38. 9 $\rightarrow 13-4=9$ Q39. 595 $\rightarrow 125+183=308, 308+287=595$

Q40. 11 am

Q41. The mass of the toy plane is 378g. $\rightarrow 684g - 306g = 378g$ Q42. $\frac{4}{10}$ of the cake was left. $\rightarrow 2 \times \frac{2}{10} = \frac{4}{10}, \frac{2}{10} + \frac{4}{10} = \frac{6}{10}, 1 - \frac{6}{10} = \frac{4}{10}$ Q43. The length of Rope B is 10m. $\rightarrow 24m - 4m = 20m, 20m \div 2 = 10m$ Q44. Mrs Lim bought 35 eggs at first. $\rightarrow 8 \times 4 = 32, 32 + 3 = 35$ Q45. a) Xiaoming has \$60 more than Bala. $\rightarrow \$40 + \$20 = \$60$ b) The three of them have \$652 in all. $\rightarrow \$184 + \$40 = \$224, \$184 + \$60 + \$244, \$184 + \$244 = \$428, \$428 + \$224 = \652 **THE END**

