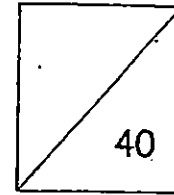# Temasek Primary School
Mathematics Mini Test 2- 2015
Multiplication and Division
Multiplication Tables of 2, 3, 4, 5 and 10
Addition and Subtraction (Using model drawing)

40

Name: _____ (   )

Class: P2 _____   Date: <u>8 May 2015</u>

Dear Parents,

Please help your child to revise the following areas:

| S/N No.	Areas to Revise On...	Question No.
1.	• Concept of multiplication as repeated addition (within 40)	1, 6
2.	• Multiplication and division within the tables of 2, 3, 4, 5, and 10	2, 9, 10, 12, 15, 16
3.	• Divide a quantity into equal sets given the number of objects in each set or given the number of sets	4, 11, 13, 14
4.	• Recognize the relationship between multiplication and division	3
5.	• Solve 1-step word problems involving multiplication and division	5, 8, 18, 19
6.	• Solve 1-step word problems involving addition and subtraction	7
7.	• Solve 1-step word problems involving addition and subtraction using Part-Whole model drawing	17, 20, 21

Parent's Signature: _____

Date: _____

1

Read the questions carefully. Choose the correct answer and write the number (1, 2, 3 or 4) in the bracket provided.

1.   Look at the pictures below.
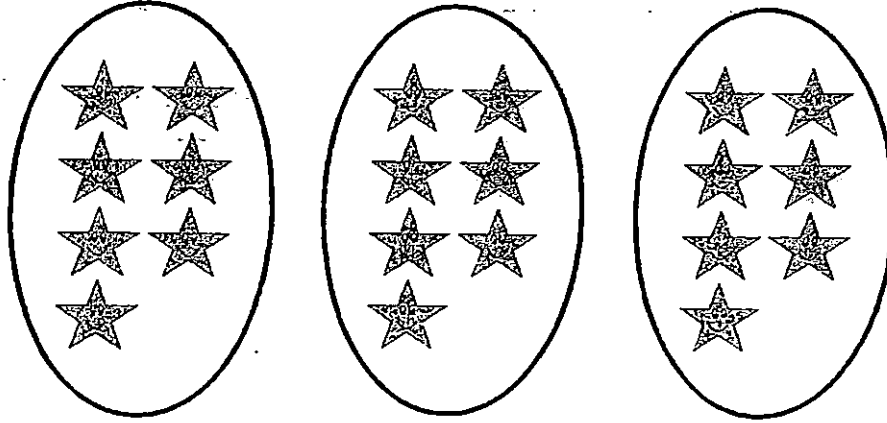
Which statement is **not correct**?

(1) 7 + 7 + 7   (2) 7 groups of 3
(3) 21 ÷ 3 = 7   (4) 3 x 7 = 21

(   )

2.   4 x 0 = ☐

(1) 44   (2) 40
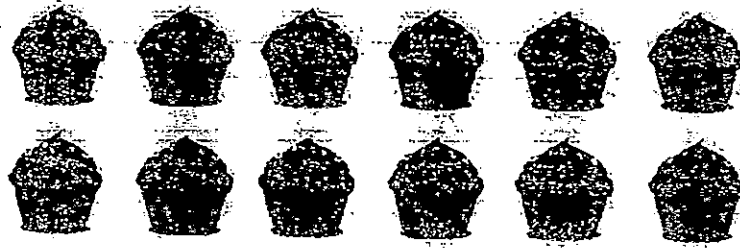(3) 0   (4) 4

(   )

3.   Which one of the following statements is equal to 12?

(1) 20 ÷ 2   (2) 2 x 10
(3) 16 ÷ 4   (4) 4 x 3

(   )

2.

4. Put 12 cupcakes equally into 2 groups.
How many cupcakes are there in each group?

    (1) 6   (2) 2
    (3) 7   -   (4) 14

(   )

5. Leonard wants to buy 10 balls. If each ball costs $7, how much does he have to pay altogether?

    (1) $70   (2) $17
    (3) $3   (4) $10

(   )

6. $10 + 10 + 5 = \underline{\hspace{1cm}} \times 5$

    (1) 30   (2) 25
    (3) 6   (4) 5

(   )

7. There were 450 people on the train. 176 passengers were seated and the rest were standing. How many passengers were standing?

   (1) 326   (2) 286
   (3) 284   (4) 274

                                              (   )

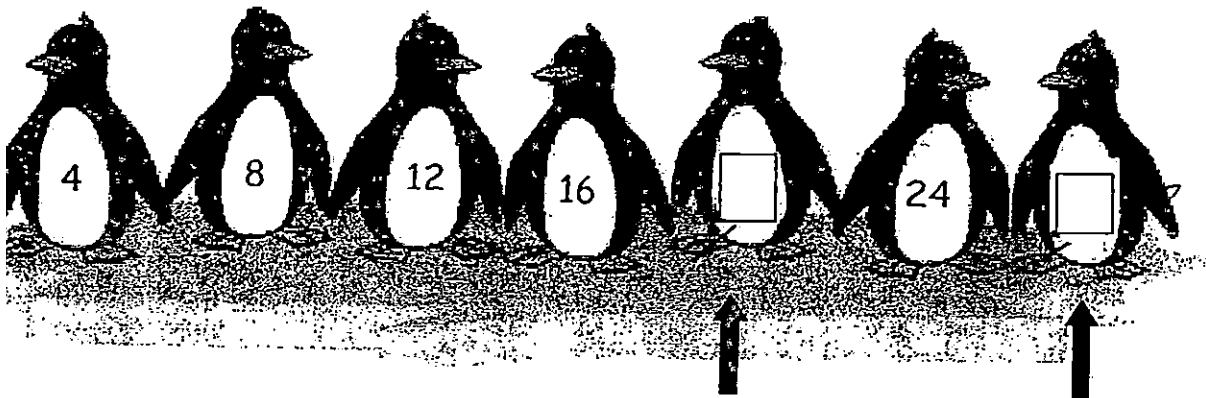8. Snow White and the Seven Dwarfs ate 5 mangosteens each. How many mangosteens did they eat in all?

   (1) 30   (2) 35
   (3) 40   (4) 45

                                              (   )

Section B: (9 x 2 marks)
Fill in each blank with the correct answer.
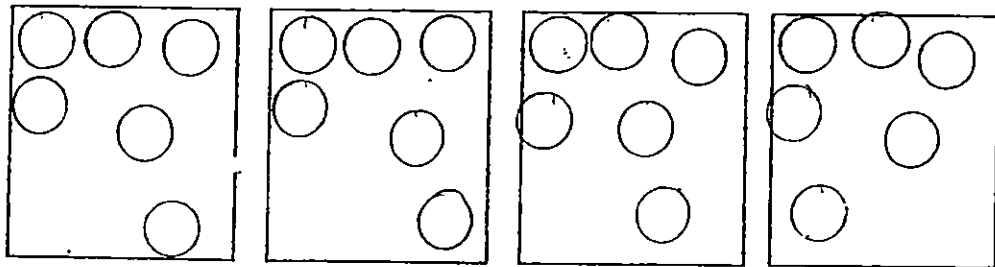
9. Fill in the missing numbers in the number pattern.

4

10. (a) 8 fives = [   ] x 5

(b) 9 groups of 4 = [   ] + 6

11. Willy has 24 marbles. He wants to put them equally in 4 boxes.

Draw the marbles in the boxes. (Draw ◯ for 1 marble)

There are [   ] marbles in each box.

12. 9 x 2 is [   ] more than 8 x 2.

13. Jimmy has 40 guppies. He puts 10 guppies in each bottle.

He uses [   ] bottles altogether.

5

14. George wants to buy a toy plane. He saves $2 each day. How many days will he take to save just enough to buy the toy plane?

$14

He will take [   ] days.

15. Mrs Lee bought 4 bags of oranges.
In each bag, there were 8 oranges.
How many oranges did she buy?

Put a tick (✓) in the box for the correct answer.

4 + 8 = 12 She bought 12 oranges.	
8 ÷ 4 = 2 She bought 2 oranges.	
4 x 8 = 32 She bought 32 oranges.	
8 - 4 = 4 She bought 4 oranges.	

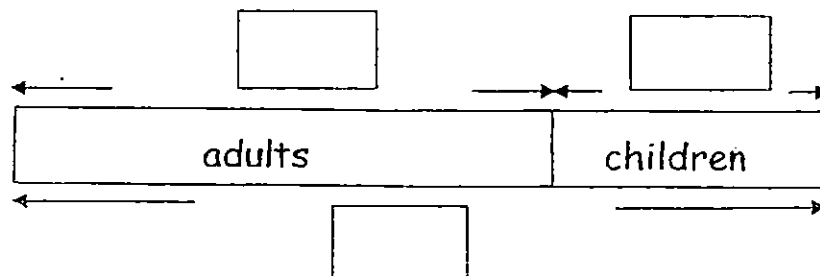16. If 3 ♡ stand for 30, what do 5 ♡ stand for?

$$♡ ♡ ♡ = 30$$

$$♡ ♡ ♡ ♡ ♡ = \boxed{}$$

17. Last Sunday morning, 400 people took part in a mass exercise at East Coast Park. There were 321 adults and some children. How many children took part in the mass exercise?

Complete the model and solve the problem.
(1 mark is awarded for filling in the correct information.)

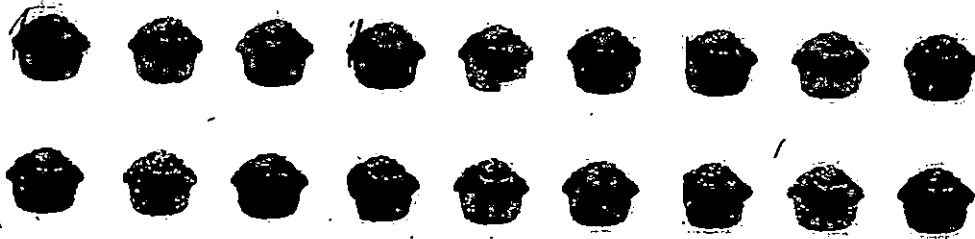| adults	children

_____ children took part in the mass exercise.

Section C (14m)

Read the word problems carefully. Show your working clearly and write your answers in the space provided.

18. Mrs Lim baked 18 muffins. She arranged them on the plates in groups of 3. How many plates did she use? (3m)

_____

She used _____

_____

19. There were 6 children at Gina's birthday party.
    Each of them was given 5 balloons.
    How many balloons were given to the children in all? (3m)

_____

_____ were given to the children in all.

20. Hashim sold 865 T-shirts last week. He sold 178 fewer T-shirts this week than last week. How many T-shirts did he sell this week? (4m)

(1 mark is awarded for filling in the correct information on the model.)

last week

this week
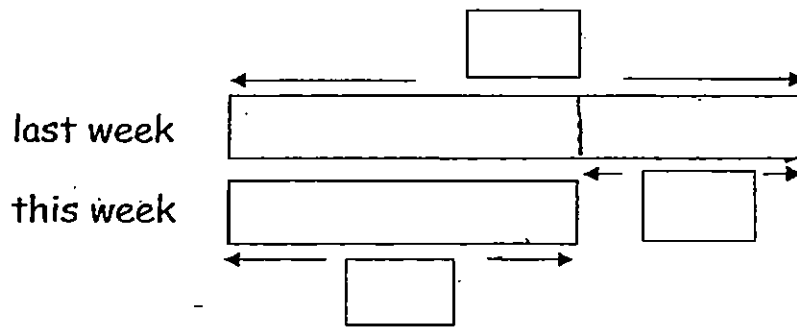
21. Mrs Raja bought eggs for baking cakes. She used 77 eggs to bake some chocolate cakes and had 123 eggs left. How many eggs did she buy? (4m)

Draw the model and solve the problem.

(1 mark is awarded for drawing and filling in the correct information on the model.)

EXAM PAPER 2015
LEVEL   : PRIMARY 2
SCHOOL   : TEMASEK PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM   : MINI TEST 2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
2	3	4	1	1	4	4	3

Q9. 20, 28

Q10. a) 8 b) 30

Q11. 6

Q12. 2

Q13. 4

Q14. 7

Q15. 4x8=32, She bought 32 oranges.

Q16. 50 ➔ 5x10=50

Q17. 79 children took part in the mass exercise.
     Model ➔ 321 , ? , 400

Q18. She used 6 plates. ➔ 18÷3=6

Q19. 30 balloons were given to the children in all. ➔ 6x5=30

Q20. He sold 687 T-Shirts this week. ➔865-178=687
     Model ➔ 865 , ? , 178

Q21. She bought 200 eggs. ➔123+77=200
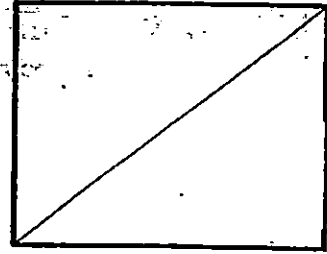
Anglo-Chinese School (Primary)

2015 Primary 2

Mathematics

Practice Paper 1

Name: _____ . (-)

Class: Primary 2 (   )

For each question, four options are given. One of them is the correct answer. Choose the correct answer and write 1, 2, 3 or 4 in the given brackets. All diagrams are not drawn to scale unless otherwise stated.

1. In the number 506, the digit 0 is in the _____ place.

   (1) ones
   (2) tens
   (3) hundreds
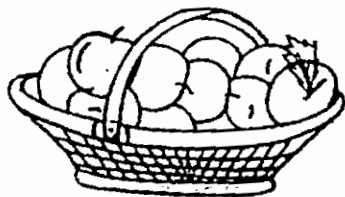   (4) thousands   (   )

2. 20 less than 610 is _____.

   (1) 590
   (2) 608
   (3) 612
   (4) 630   (   )

3. The mass of a basket of apples is about 2 _____.

   (1) m
   (2) cm
   (3) g
   (4) kg   (   )

2

4. $4 \times 10 = \boxed{?}$

What is the missing number in the box?

(1) 40

(2) 14

(3) 6

(4) 4   (   )

5. _____ quarters make 3 wholes.

(1) 12

(2) 7

(3) 6

(4) 4   (   )

6. Which of the following fractions is the smallest?

(1) $\dfrac{1}{6}$

(2) $\dfrac{1}{7}$

(3) $\dfrac{1}{3}$

(4) $\dfrac{1}{4}$ (   )

3

7. Billy puts 2 five-dollar notes, 3 two-dollar notes and 2 ten-dollar notes in his piggy bank. How much money does he have in all?

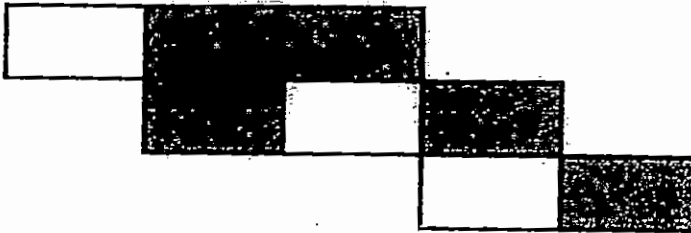   (1) $7
   (2) $16
   (3) $26
   (4) $36   ( )

8. 6 fours is the same as _____.

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

9. What fraction of the following figure is **shaded**?

   (1) $\frac{3}{5}$

   (2) $\frac{3}{8}$

   (3) $\frac{5}{8}$

   (4) $\frac{5}{3}$ ( )

10. Add 259 to 698. The answer is _____.

    (1)   847

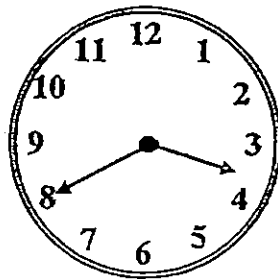   (2)   857

    (3)   947

    (4)   957   (   )

11. What is the time shown on the clock?

    (1)   3:40 p.m.

    (2)   4:40 p.m.

    (3)   8:15 p.m.

    (4)   8:20 p.m.   (   )

12. Ali read some books in 15 days. He took 3 days to read each book. How many books did he read in all?

    (1)   45

    (2)   18

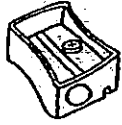   (3)   12

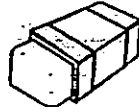   (4)   5   (   )

13. Charles bought 2 items from the bookshop and spent 85¢ altogether. If the cost of the items sold in the bookshop is shown below, which 2 items did he buy?
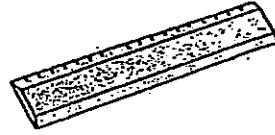
pencil
30¢

sharpener
50¢

eraser
45¢

ruler
35¢

(1) sharpener and eraser

(2) sharpener and ruler
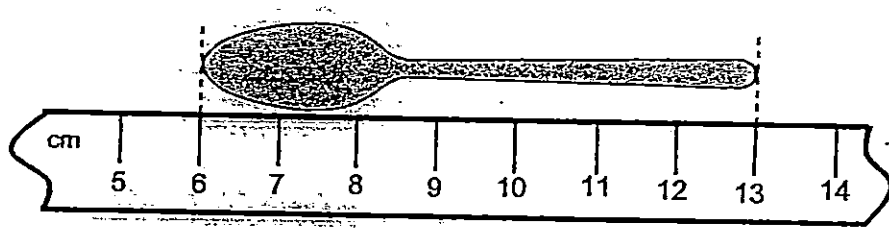
(3) eraser and pencil

(4) eraser and ruler

( )

14. Study the number pattern below.

What is the missing number in the box?

17, 20, 24, 27, ? , 34, 38, 41, 45

(1) 23

(2) 28
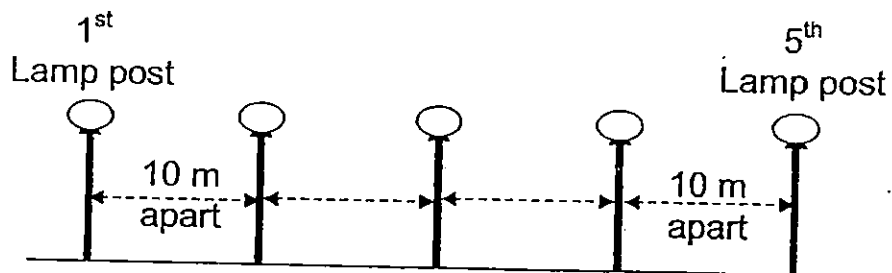
(3) 30

(4) 31

( )

15. Look at the pictures below.

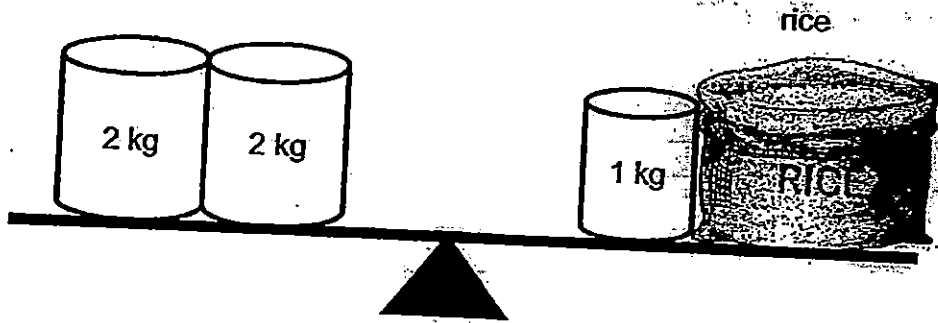The length of the spoon is _____ cm.

(1) 6

(2) 7

(3) 8

(4) 13

( )

16. There are 5 lamp posts along a road. The distance between every 2 lamp posts is 10 m. If all the lamp posts are placed at equal distance, how far is the 3rd lamp post from the 5th lamp post?

1st
Lamp post

5th
Lamp post

10 m
apart

10 m
apart

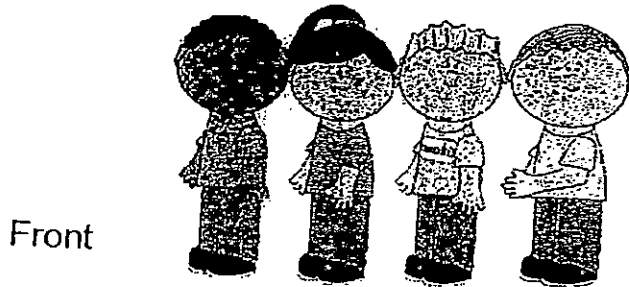(1) 10 m

(2) 20 m

(3) 30 m

(4) 40 m

( )

17. Look at the pictures below.

The mass of the sack of rice is _____ kg.

(1) 5

(2) 2

(3) 3

(4) 4

(   )

18. Dan is last in the queue. Caili is between Adam and Ben.
Ben is between Caili and Dan.
Who is first in the queue?
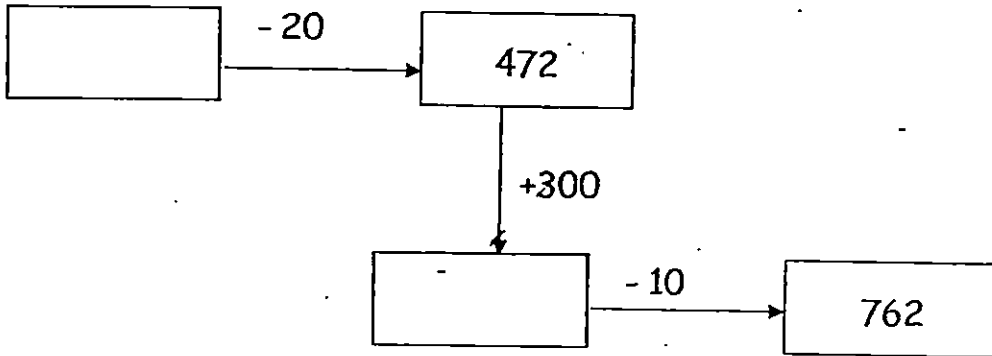

Front

(1) Adam

(2) Ben

(3) Caili

(4) Dan

(   )

Questions 19 to 35 carry 2 marks each. Write your answers in the spaces provided. Give your answers in the units stated.
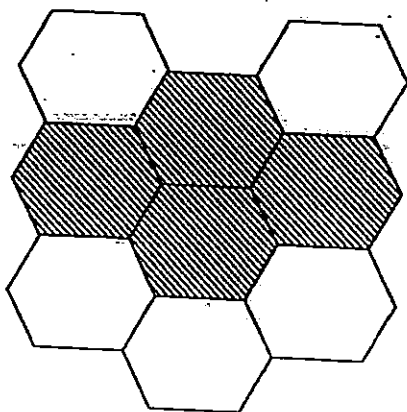All diagrams are not drawn to scale unless otherwise stated.

19. Fill in the boxes with the missing number.

```
┌──────────┐   -20      ┌──────────┐
│          │ ─────────▶ │   472    │
└──────────┘            └──────────┘
                             │
                             │ +300
                             ▼
            ┌──────────┐   -10     ┌──────────┐
            │    -     │ ────────▶ │   762    │
            └──────────┘           └──────────┘
```

20. Mother left home to go to the market at 12.30 p.m.
    She came back 30 minutes later.
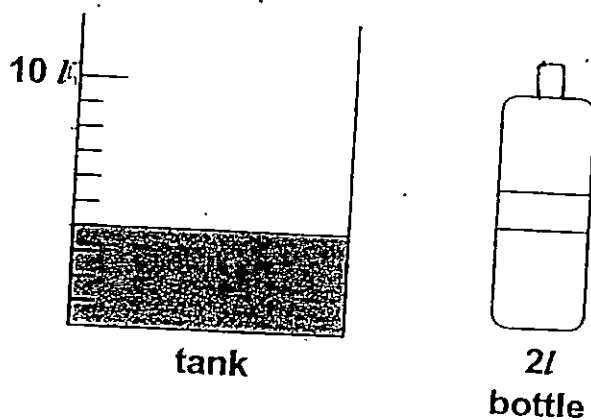   What time did she come home?

Answer: _____ p.m.

9

21. What fraction of the figure needs to be shaded to make 1 whole?
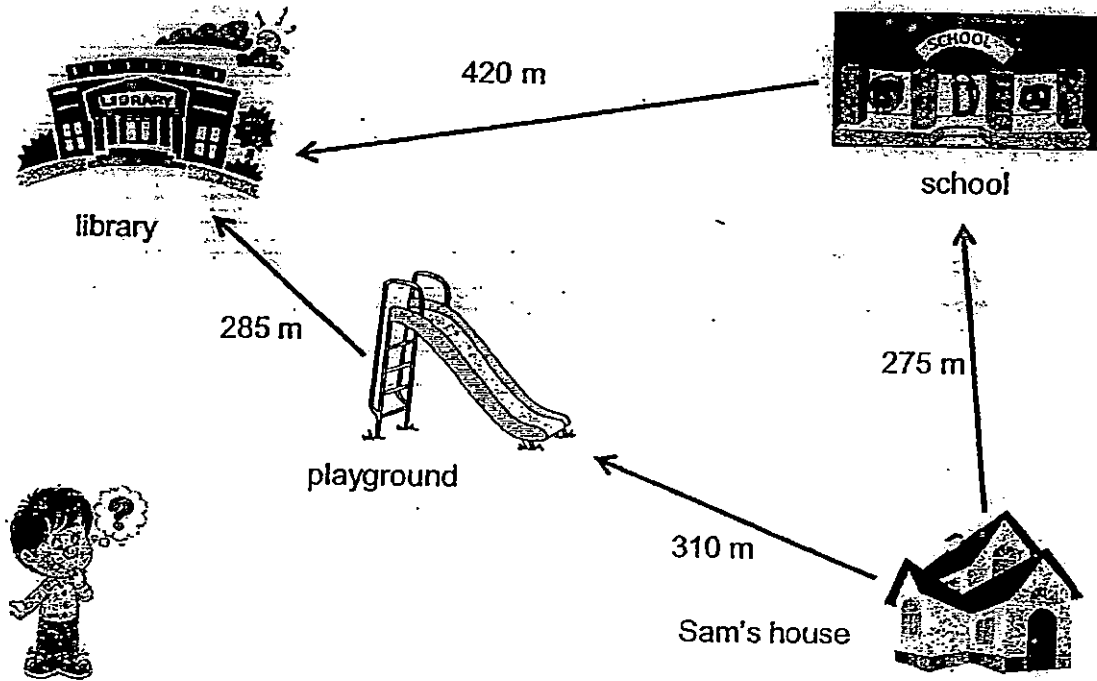

Answer: _____

22. Andy wants to fill up a 10-litre tank using some 2-litre bottles.
There is already some water in the tank.

10 l

tank   **2l**
                  bottle

How many 2-litre bottles are needed to fill up the tank to 10l ?

Answer: _____

23. Study the pictures below.

420 m

school

library

285 m

275 m

playground

310 m

Sam's house

Sam wants to go to library.
What is the shortest distance from Sam's house to the library?

Answer: _____ m

24. Arrange these numbers in order. Begin with the greatest number.
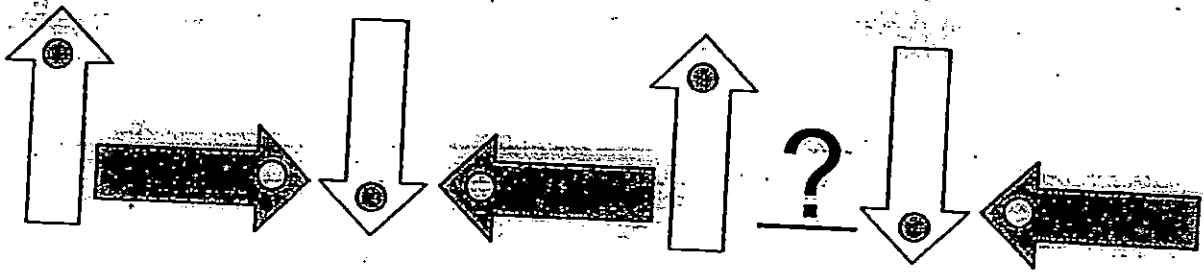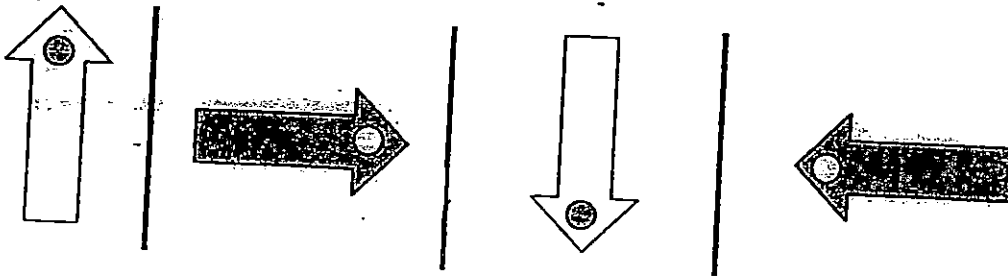
794   479   947   497

_____ , _____ , _____ , _____

(greatest)

25. Study the patterns below.

Which of the following is the missing shape? **Circle it.**

26. I am a 3 digit number.

The digit in the tens place is twice the digit in the hundreds place.
The digit in the ones place is 3 more than the digit in the tens place.
If the digit in the ones place is 7, what number am I?

Answer:_____

27. Mike wants to buy some muffins from a bakery.
He has $6.

2 for $3

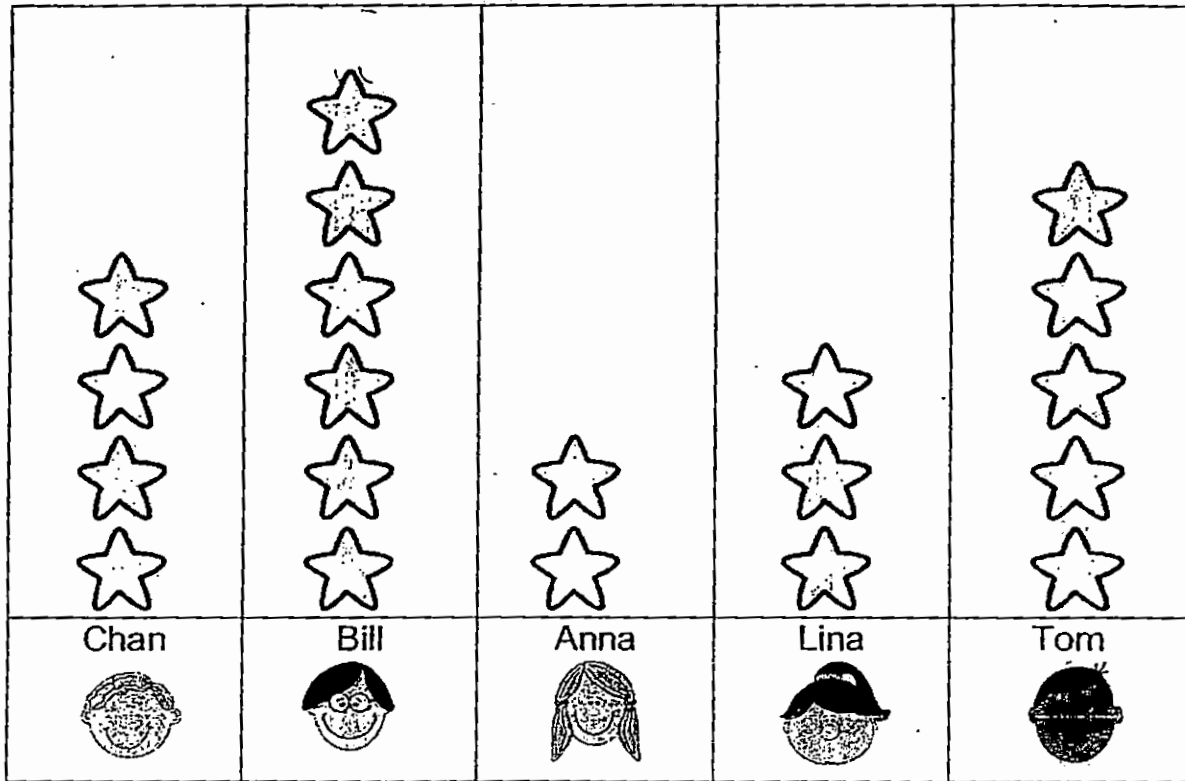If 2 muffins cost $3, what is the maximum number of muffins he can buy?

Answer: _____

28. Baker Tay baked 620 cookies on Saturday.
He baked 215 more cookies on Saturday than on Sunday.
How many cookies did he bake on Sunday?

Answer: _____

The graph below shows the number of stars each pupil has.
Study the graph carefully and answer questions 29, 30 and 31.

Number of Stars
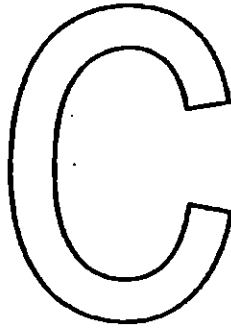

Each ☆ stands for 3 stars

29. Bill collected _____ stars.

30. Anna collected _____ fewer stars than Chan.

31. Tom must give Lina _____ stars so that they have the
    same number of stars.

32. Look at the letter below.
How many straight lines are there in the letter?

Answer: _____ straight lines

33.   536 - [**?**] tens = 436

What is the missing number in the box?

Answer: _____

34. A birthday cake was cut into 12 equal pieces. Suzie ate 2 pieces and Ben ate 3 pieces of the cake. What fraction of the cake was left?

Answer: _____

35. Mrs Tan told Judy to colour a picture using only 2 colours. Judy had a box of crayons with the following colours – red, blue and yellow. What is the maximum number of ways that Judy can use her crayons to colour her picture?

red   blue   yellow

Answer: _____

For questions 36 to 44, show your working and statements clearly in the space provided for each question. The number of marks available is shown in brackets [   ] at the end of each question or part-question.

36. Fauzan had 340 Lego bricks.
    His father bought him another 125 bricks.

    (a) How many Lego bricks did Fauzan have altogether? [1 mark]
    (b) Of all his Lego bricks, 213 were blue and the rest were red.
        How many red Lego bricks did he have? [2 marks]

    (a)   Working

    He had _____ Lego bricks altogether.

    (b)

    He had _____ red Lego bricks.

37. Mike has 63 ice-cream sticks. He has 12 ice-cream sticks fewer than Alex. How many ice-cream sticks do they have altogether? [3 marks]

Working

They have _____ ice-cream sticks altogether.

38. Mrs Ho bought 8 boxes of cookies. Each box had 3 cookies in it. She repacked the cookies equally into 4 boxes. How many cookies were there in each box? [3 marks]

Working

There were _____ cookies in each box.

39. Alice is 10 kg heavier than Beth. Beth is 7 kg lighter than Claire. Claire is 35 kg. How heavy is Alice? [3 marks]

Working

Alice is _____ kg.

40. Colin had $60 at first. He bought a book for $15. He also bought a bag. He had $25 left after paying for the book and the bag. How much did the bag cost? [3 marks]

Working

The bag cost $ _____

41. Bill went to the bookshop to buy 3 items.
He spent a total of $1 as shown on the torn receipt below.

(a) How much more did the sharpener cost than the pencil? [2 marks]
(b) How much did he pay for the eraser? [1 mark]

```
Atlantic Bookshop

Items          Price
1 sharpener     45¢

1 pencil        25¢

1 eraser

Total: $1
```

Working

(a)

The sharpener cost _____ ¢ more than the pencil.

(b)

He paid _____ ¢ for the eraser.

42. There were 954 people at a concert. 479 of them were adults and the rest were children. Of the children, 210 were girls and the rest were boys.

(a) How many children were there? [2 marks]

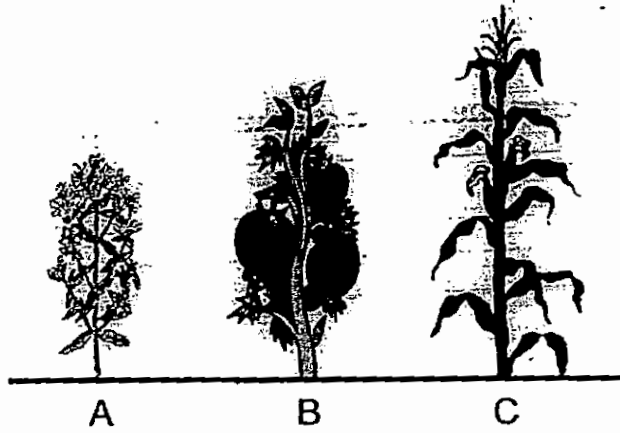(b) How many boys were there? [2 marks]

Working

(a)

There were _____ children.

(b)

There were _____ boys.

43. Plant A is 20 cm shorter than Plant C.
Plant B is 10 cm taller than Plant A.
Plant C is 60 cm tall.
What is the total height of all 3 plants? [4 marks]

A   B   C

Working

The total height of all 3 plants is _____ cm.

44. The picture below shows the number of dots formed around the stars in each figure.
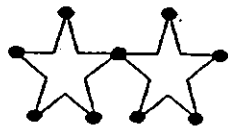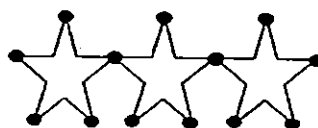

Figure 1   Figure 2   Figure 3   Figure 4

a) Complete the table below. [2 marks]

Number of stars	1	2	3	4	5
Number of dots	5	9	13		

b) If I want 7 stars, how many dots would I need?
   [2 marks]
   (Hint: Make a table)

I would need _____ dots.

End-of-Paper

EXAM PAPER 2015
LEVEL : PRIMARY 2
SCHOOL : ANGLO-CHINESE SCHOOL (PRIMARY)
SUBJECT : MATHEMATICS
TERM : PRACTICE PAPER 1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	4	1	1	2	4	4	3	4

Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18
1	4	2	4	2	2	3	1

Q19. 492*(top box)*, 772*(bottom box)*

Q20. 1pm

Q21. $\frac{5}{9}$

Q22. 3

Q23. 595m ➔ 310m+285m=595m

Q24. 947(greatest), 794, 497, 479

Q25. **SEE PICTURE**

Q26. 247

Q27. 4

Q28. 405 ➔ 620-215=405

Q29. 18

Q30. 6

Q31. 3

Q32. 2 straight lines

Q33. 10

Q34. $\frac{7}{12}$ ➔ $1-\frac{5}{12}=\frac{7}{12}$

Q35. 3

Q36. a) He had 465 Lego bricks altogether. ➔ 340+125=465
   b) He had 252 red Lego bricks. ➔ 465-213=252

Q37. They have 138 ice-cream sticks altogether. ➜ 63+12=75, 63+75=138

Q38. They were 6 cookies in each box. ➜ 8x3=24, 24÷4=6

Q39. Alice is 38kg. ➜ 35kg-7kg=28kg, 28kg+10kg=38kg

Q40. The bag costs $20. ➜ $60-$15=$45, $45-$25=$20

Q41. a) The sharpener cost 20¢ more than the pencil. ➜ 45¢-25¢=20¢
    b) He paid 30¢ for the eraser. ➜ 45¢+25¢=70¢, 100¢-70¢=30¢

Q42. a) There were 475 children. ➜ 954-479=475
    b) There were 265 boys. ➜ 475-210=265

Q43. The total height of all 3 plants is 150cm. ➜ 60cm-20cm=40cm,
40cm+10cm=50cm, 60cm+50cm+40cm=150cm

Q44. a) 17 *(left)*, 21 *(right)*
    b) I would need 29 dots.

THE END