NANYANG PRIMARY SCHOOL

SECOND SEMESTRAL EXAMINATION 2017

PRIMARY 2

MATHEMATICS

DURATION: 1 HOUR 30 MINUTES

Section A	/ 40
Section B	/ 40
Section C	/ 20

Total:	/ 100

Name: _____ ( )

Class: Primary 2 ( )

Date: 26 October 2017

Parent's Signature: _____

Any query on marks awarded should be raised by **8 November 2017**. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

Parent's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.

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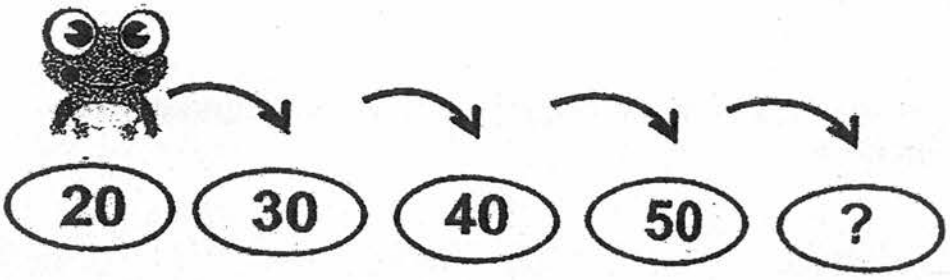
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Section A

Questions 1 to 20 carry 2 marks each.
For each question, four options are given.
One of them is the correct answer.
Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets ( ) provided. (Total: 40 marks)

1. Look at the number pattern below.
The frog jumps from one leaf to the next leaf and counts in tens.



What is the number on the last leaf?

(1) 6
(2) 40
(3) 51
(4) 60

2. What is the value of 600 + 40 + 5?

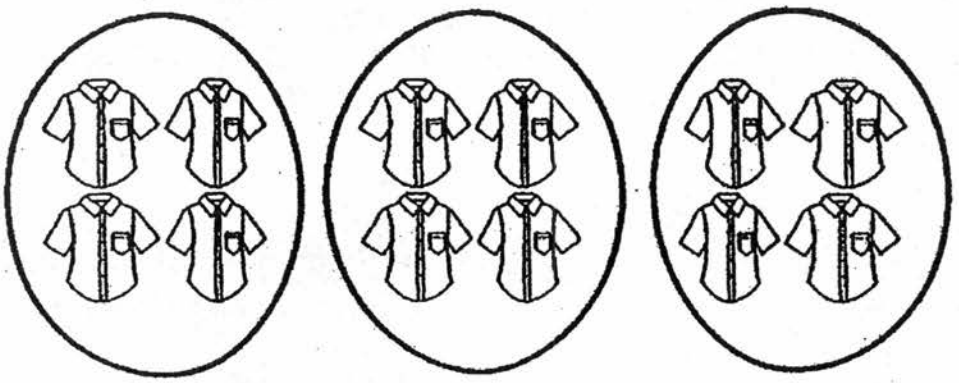
(1) 609
(2) 645
(3) 654
(4) 690

3. What is 8 groups of 4?

(1) 32
(2) 24
(3) 12
(4) 4

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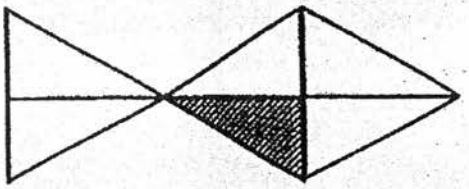
4. Look at the picture below.



Which one of the following equations show how the shirts are grouped?

(1) 6×2
(2) $12 \div 3$
(3) $12 \div 2$
(4) $3 + 4$

5. Look at the figure below.



What fraction of the figure is shaded?

(1) $\frac{1}{4}$
(2) $\frac{1}{5}$
(3) $\frac{1}{6}$
(4) $\frac{5}{6}$

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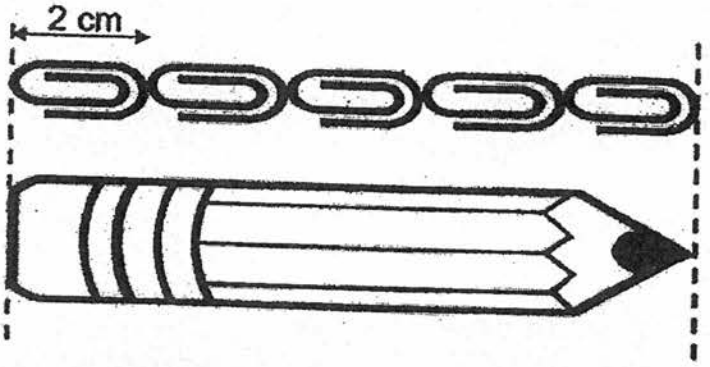
6. $\frac{4}{5} - \frac{2}{5} = \boxed{?}$

What is the missing fraction in the box?

(1) $\frac{1}{5}$ (2) $\frac{2}{5}$

(3) $\frac{2}{10}$ (4) $\frac{6}{10}$

7. Look at the diagram below.

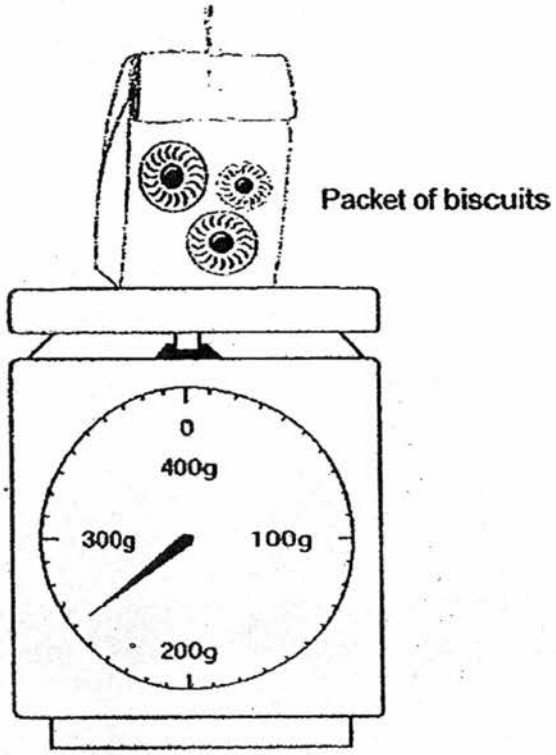


What is the length of the pencil?

(1) 5 cm (2) 8 cm
(3) 10 cm (4) 12 cm

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8. Look at the diagram below.



What is the mass of the packet of biscuits?

(1) 60 g
(2) 206 g
(3) 260 g
(4) 360 g

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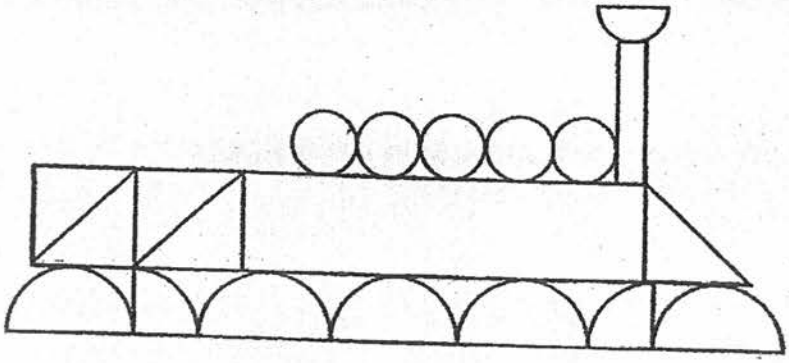
9. Ali saved the following amount of money for his favourite storybook.



How much money did he save in total?

(1) $6.80
(2) $6.40
(3) $4.80
(4) $4.00

10. Look at the picture below.



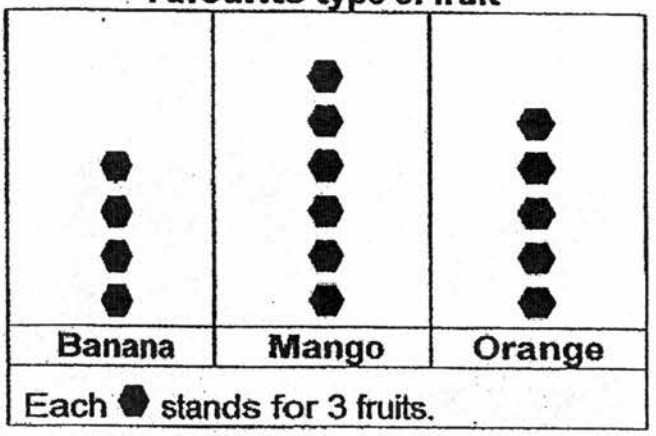
How many semicircles can you find?

(1) 13
(2) 8
(3) 6
(4) 5

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11. The picture graph below shows the favourite type of fruit of a group of children.

Favourite type of fruit



Which one of the following statements is wrong?

(1) Most of the children like mango.

(2) There are 3 more children who like orange than banana.

(3) There are 5 children who like orange.

(4) The least favourite type of fruit is banana.

12. Mrs Tan sold 187 cakes on Saturday.
She sold 129 more cakes on Sunday than on Saturday.
How many cakes did she sell on Sunday?

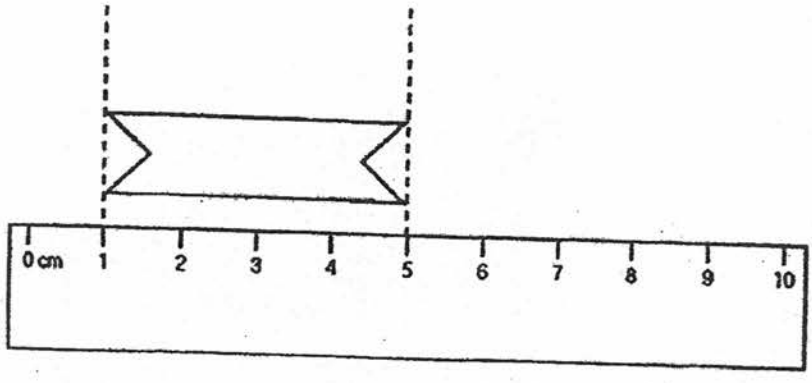
(1) 206
(2) 216
(3) 306
(4) 316

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13. John had $300.
He bought a bag for $108.
How much money had he left?

(1) $102
(2) $192
(3) $202
(4) $208

14. The picture below shows the length of one ribbon.



What is the total length of 4 such ribbons?

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

15. Bob hung 20 shirts.
He hung 4 shirts on each pole.
How many poles did he use to hang all the shirts?

(1) 24
(2) 16
(3) 5
(4) 4

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16. James started his swimming lesson at half past 4 in the afternoon.
His swimming lesson lasted 60 min.

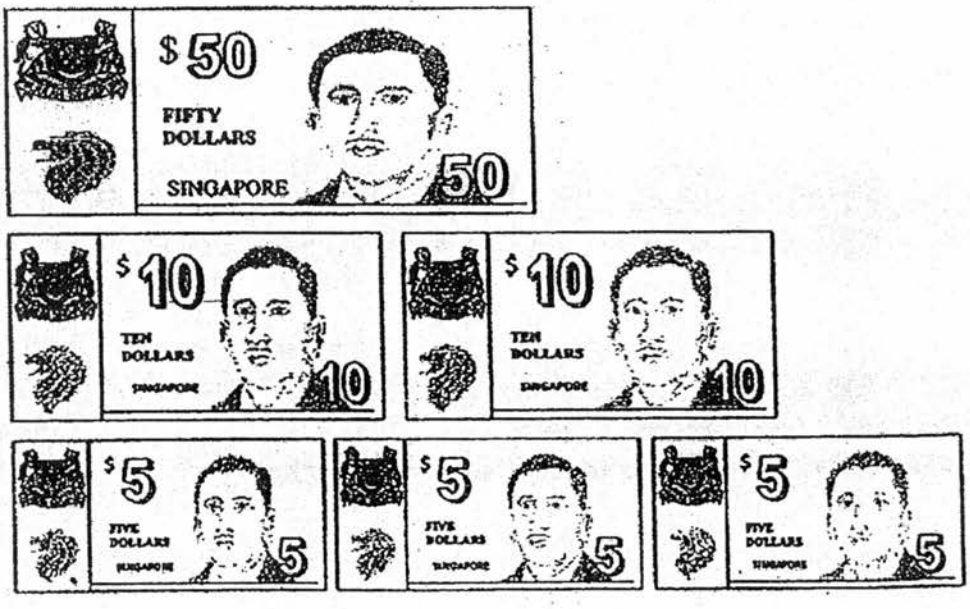


Start of his swimming lesson

What time did his swimming lesson end?

(1) 3.30 a.m.
(2) 3.30 p.m.
(3) 5.30 a.m.
(4) 5.30 p.m.

17. The diagram below shows the amount of money Reuben has.



He wants to buy a toy plane that costs $140.
How much more money does he need?

(1) $55
(2) $65
(3) $75
(4) $85

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18. Nate had some money at first.
He paid $79 for a badminton racket and $45 for a soccer ball.
He had $301 left in the end.
How much money did he have at first?

(1) $124
(2) $177
(3) $415
(4) $425

19. Kavitha used a total of 10 red ropes and blue ropes.
Each red rope was 2 m long.
Each blue rope was 3 m long.
The total length of ropes she used was 26 m.
How many blue ropes did she use?

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

20. The mass of a box with apples was 8 kg.
The mass of the empty box was 2 kg.
Johan bought 4 such boxes of apples.
What was the total mass of the apples that Johan bought?

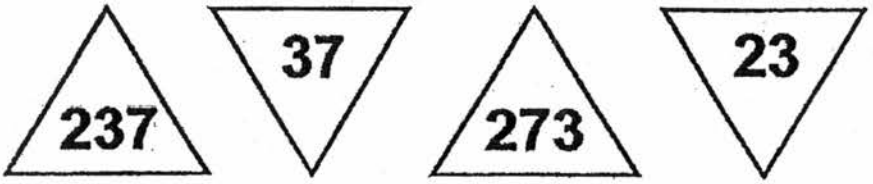
(1) 6 kg
(2) 16 kg
(3) 24 kg
(4) 30 kg

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Section B

Questions 21 to 40 carry 2 marks each.
Show your working clearly in the space provided for each question and write your answer in the blank provided. (Total: 40 marks)

21. Arrange the numbers below from the smallest to the greatest.



_____, _____, _____, _____

smallest

22. What is the value of 450 – 243?

Answer : _____

23. Look at the picture below.

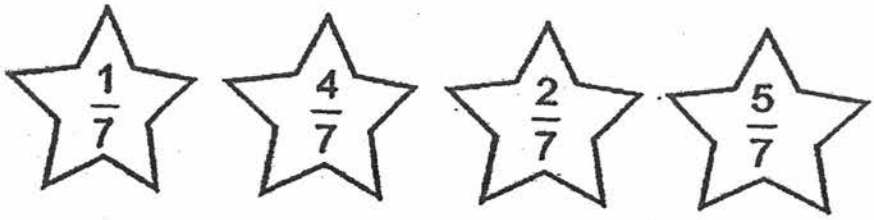


How much money is there in total?

Answer : $_____

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24. Arrange the fractions below from the greatest to the smallest.



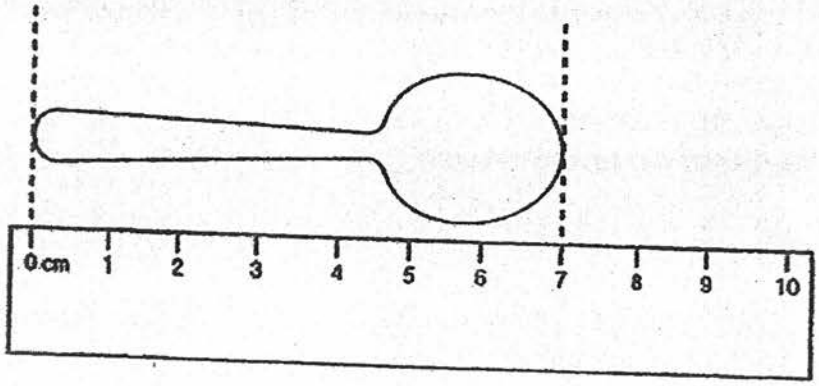
_____, _____, _____, _____

greatest

25. What is the sum of $\frac{3}{8}$ and $\frac{2}{8}$?

Answer : _____

26. Look at the picture below.



What is the length of the spoon?

Answer : _____ cm

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27. Ahmad started to do his homework at 2.30 p.m.
Draw the hands on the clock face below to show the time he started to do his homework.



Started to do his homework

28. Write $4.20 in cents.

Answer : _____¢

29. Amelia bought 220 roses.
Bala bought 320 roses.
Charlene bought 190 roses.
How many roses did they buy in total?

Answer : _____

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30. Look at the 3-D object below.



What is the shape of the 3-D object?
Circle the name of the shape shown above.

Cone / Cube / Cylinder / Cuboid

31. There are 4 number patterns as shown below.
In a number pattern, the digit in the ones place increases by 1.
Tick the correct box that shows the number pattern.

☐ **47, 57, 67, 77**

☐ **57, 56, 55, 54**

☐ **92, 93, 94, 95**

☐ **68, 70, 72, 74**

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32. Xiaomin baked some cakes.
For each cake that Xiaomin baked, she used 3 eggs and 120 g of flour.
She used a total of 9 eggs.
How much flour did she use?

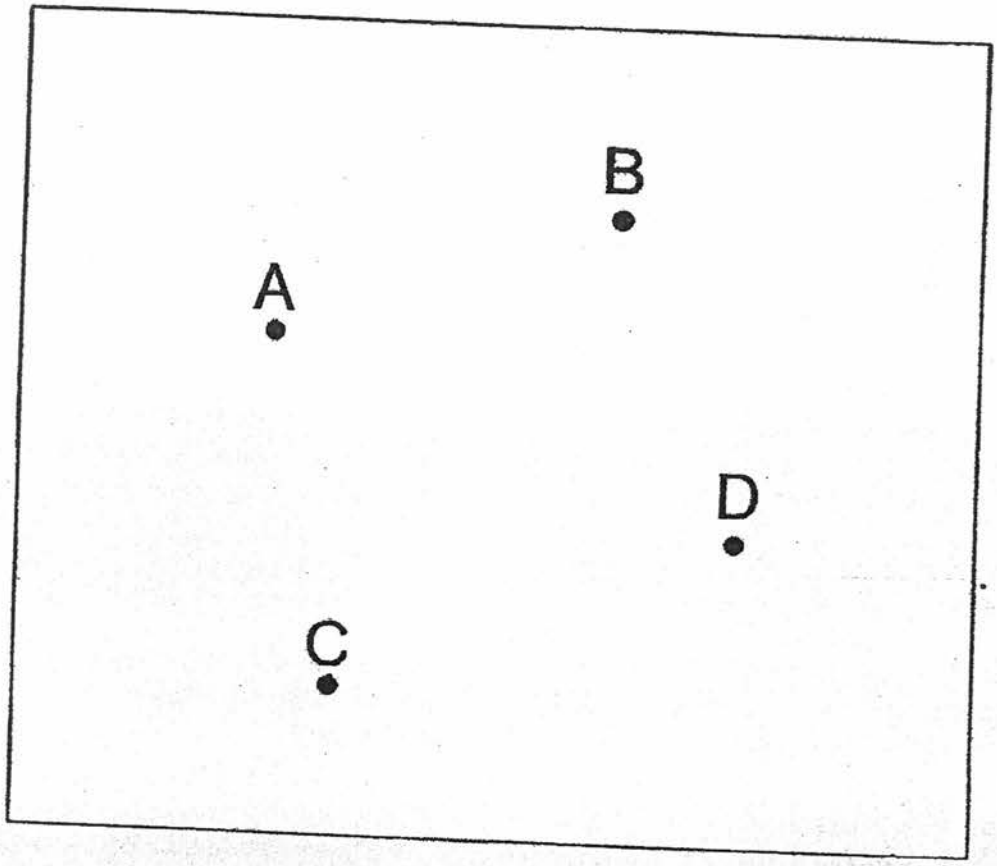
Answer : _____ g

33. In a basketball match, each team has 5 players.
There are 7 teams in total.
How many basketball players are there altogether?

Answer : _____

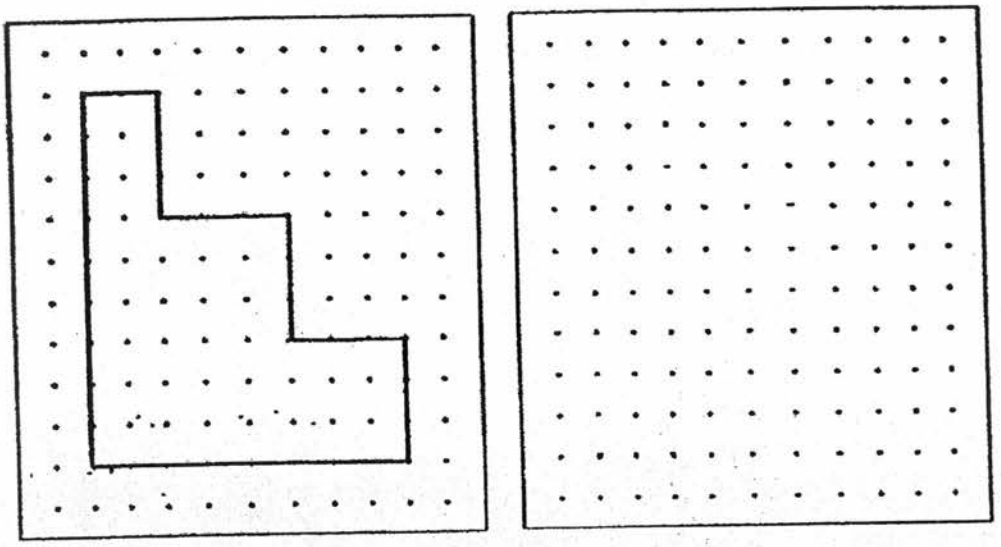
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34. In the box below, 4 dots A, B, C and D are given.
Draw a straight line to join 2 of the dots that form a line with a length of 8 cm.



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35. Look at the figure on the left below.
Copy the figure on the dot grid given on the right.

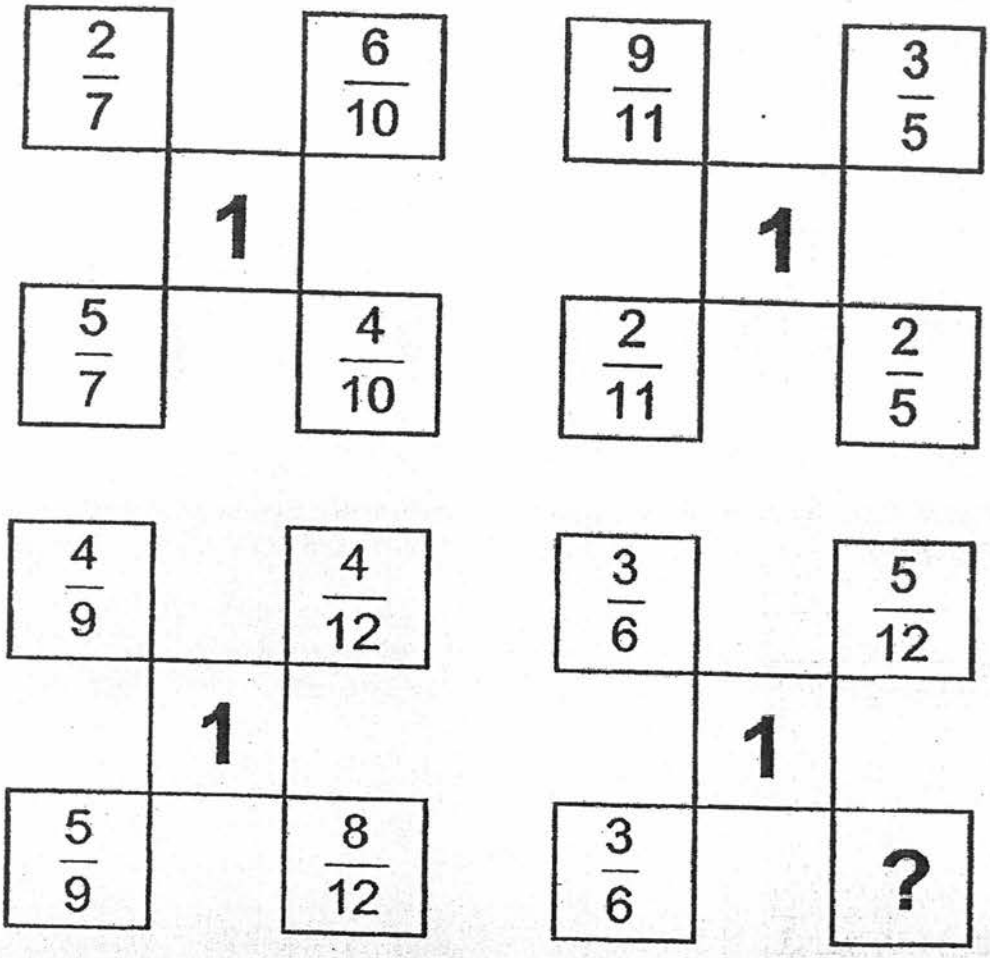


36. Katherine did the same number of word problems each day.
She did a total of 25 word problems from Monday to Friday.
How many word problems did she do each day?

Answer : _____

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37. Look at the pattern below.



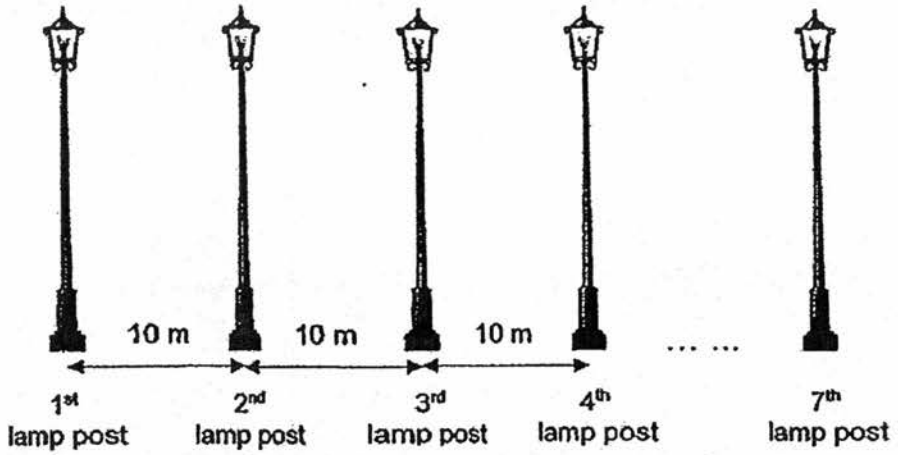
What is the missing fraction?

Answer : _____

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38. Along a street, the lamp posts are placed at regular distance of 10 m apart.



What is the distance from the first lamp post to the seventh lamp post?

Answer : _____ m

39. Carrie wants to decorate 3 cakes.
She needs 4 kg of chocolate to decorate one cake.
The mass of each packet of chocolate is 2 kg.
How many such packets of chocolate does she need?

Answer : _____

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40. The picture graph below shows the number of pupils in Class 1A and Class 1B who can cycle.

Number of pupils who can cycle	
Class 1A	▲ ▲ ▲
Class 1B	▲ ▲
Each ▲ stands for ? pupils.	

There are 35 pupils who can cycle in Class 1A and Class 1B. How many pupils does each ▲ stand for?

Answer : _____

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Section C

Questions 41 to 45 carry 4 marks each.
Do these word problems carefully.
Show your working clearly in the space provided for each question.

(Total: 20 marks)

41. Mary had 110 red balloons.
She had 27 fewer blue balloons than red balloons.

(a) How many blue balloons did she have?

She had _____ blue balloons.

(b) She gave away 33 red balloons.
How many red balloons had she left?

She had _____ red balloons left.

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42. A tricycle had 3 wheels.
Andy had 7 tricycles.

(a) How many wheels were there in total?



Tricycle

There were _____ wheels in total.

After selling some tricycles, Andy was left with 3 tricycles.
He removed all the wheels from the tricycles left.

(b) How many wheels did Andy remove?

Andy removed _____ wheels.

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43. Fandi has $542.
Fandi has $150 more than Ethan.

(a) How much money does Ethan have?

Ethan has $_____.

Wen Ting has $10 more than Fandi.

(b) How much money must Wen Ting give Fandi so that both of them have the same amount of money in the end?

Wen Ting must give Fandi $_____.

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44. Srija took 10 days to save $30.
She saved the same amount of money every day.

(a) How much money did Srija save a day?

Srija saved $_____ a day.

An adult and a child can visit a museum at a total cost of $5.
Srija likes to visit the museum with her grandfather.

(b) With the amount of money that she had saved, how many times could Srija visit the museum with her grandfather?

Srija could visit the museum with her grandfather _____ times.

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45. I am thinking of a 2-digit number.
The number is smaller than 30 and bigger than 20.
The sum of the digits is 9.

(a) What is the 2-digit number?

The 2-digit number is _____.

I am thinking of another number.
It is a 3-digit number.
The digit in the ones place is the smallest odd number.
The digit in the tens place has a value of 30.
The digit in the hundreds places stands for 200.

(b) What is the 3-digit number?

The 3-digit number is _____.

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EXAM PAPER 2017(P2)

SCHOOL : NANYANG

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	2	1	2	3	2	3	3	1	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
3	4	2	2	3	4	1	4	2	3

21)23 , 37 ,237 ,273

22)207

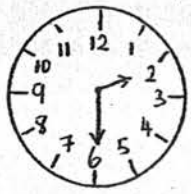
23)$16

24)5/7 , 4/7 , 2/7 , 1/7

25)5/8

26)7 cm

27)



28)420 c

29)730

30)Cylinder

31)92, 93, 94, 95

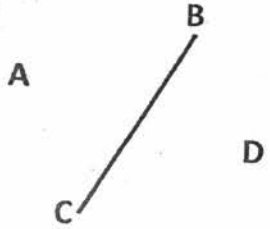
32)3 eggs = 120g

9 eggs = 360g

ANS: 360g

33)7 x 5 = 35

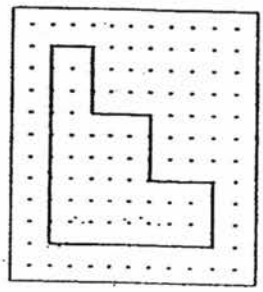
34)



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35)



36)25 ÷ 5 = 5

37)12/12 – 5/12 = 7/12

38)6 x 10 = 60 m

39)4 ÷ 2 = 2

3 x 2 = 6

40)35 ÷ 5 = 7

41)a)110 – 27 = 83

She had 83 blue balloons.

b)110 – 33 = 77

She had 77 red balloons left.

42)a)7 x 3 = 21

There were 21 wheels in total.

b)3 x 3 = 9

Andy removed 9 wheels.

43)a)542 – 150 = 392

Ethan has $392

b)Wen Ting must give Fandi $5

44)a)30 ÷ 10 = 3

Srija saved $3 a day.

b)30 ÷ 5 = 6

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45)a)2 + 7 = 9

The 2-digit number is 27.

b) 2 . 3 1

hundreds Tens one

The 3-digit number is 231

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