



RAFFLES GIRLS' PRIMARY SCHOOL

**SEMESTRAL ASSESSMENT 2
2018**

Your Score Out of 80 marks	
Parent's Signature	

Name: _____ () Class: 3 ()

24 October 2018

MATHEMATICS

Duration: 1 h 45 min

SECTION A (28 marks)

Questions 1 to 6 carry 1 mark each.

Questions 7 to 17 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Make your choice (1, 2, 3 or 4). Shade your answer (1, 2, 3 or 4) on the OAS provided.

1. What is the value of digit '5' in 3529?

- (1) 5
- (2) 50
- (3) 500
- (4) 5000

2. Express 6040 m in km and m.

- (1) 6 km 4 m
- (2) 6 km 40 m
- (3) 60 km 4 m
- (4) 60 km 40 m

3. Which of the following fractions is equivalent to $\frac{4}{6}$?

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

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

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

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

4. $366 \times 6 =$ _____

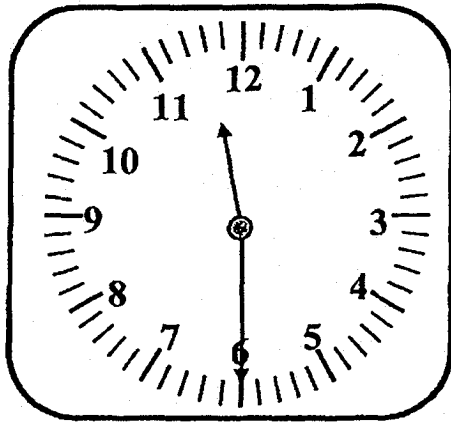
(1) 2196

(2) 1896

(3) 1866

(4) 1832

5. Meiling started her piano lesson in the morning as shown in the clock. Her lesson ended 45 minutes later. What time did her lesson end?



- (1) 11.30 a.m.
(2) 11.30 p.m.
(3) 12.15 a.m.
(4) 12.15 p.m.
6. $744 \div 8 =$ _____
- (1) 93
(2) 94
(3) 5864
(4) 5952
7. Find the sum of 3488 and 278.
- (1) 3656
(2) 3766
(3) 4766
(4) 6268

8. April ate $\frac{5}{9}$ of a pizza. Jane ate $\frac{1}{3}$ of the same pizza.
What fraction of the pizza did they eat altogether?

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

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

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

(4) $\frac{8}{9}$

9. Find the difference between 2827 and 3241.

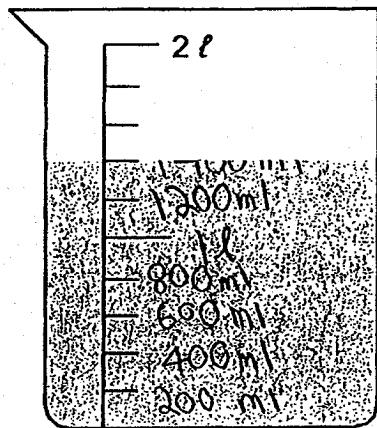
(1) 414

(2) 586

(3) 1626

(4) 6068

10. What is the volume of water in the container?



- (1) 700 ml
- (2) 800 ml
- (3) 1 l 400 ml
- (4) 1 l 700 ml

11. Kitty had 7 bags of beads. Each bag contained 427 beads. How many beads did she have altogether?

- (1) 61
- (2) 68
- (3) 2949
- (4) 2989

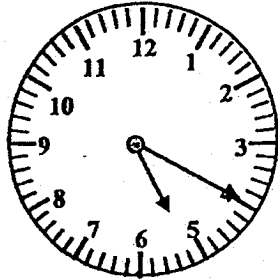
12. A cup of apple juice cost \$4.75.
A cup of orange juice cost \$0.90 less than a cup of apple juice.
Cherie bought one cup of apple juice and one cup of orange juice.
How much did she pay?

- (1) \$3.85
- (2) \$5.65
- (3) \$8.60
- (4) \$10.40

13. Ali cut a cake into 10 equal pieces.
He ate 3 pieces of the cake and gave some pieces to his sister.
There were 2 pieces left.
What fraction of the cake did he give to his sister?

- (1) $\frac{1}{5}$
- (2) $\frac{3}{10}$
- (3) $\frac{1}{2}$
- (4) $\frac{7}{10}$

14. Lila woke up at the time shown below.
She took 15 min to wash up and 20 min to take her breakfast
before she left for school.
At what time did she leave for school?



- (1) 5.00 a.m.
 - (2) 5.30 a.m.
 - (3) 5.35 a.m.
 - (4) 5.55 a.m.
15. Which figure has an angle greater than a right angle?

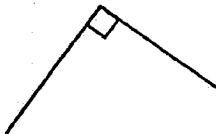


Figure W

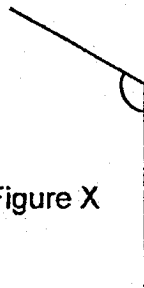


Figure X



Figure Y

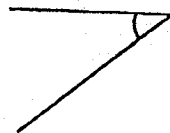


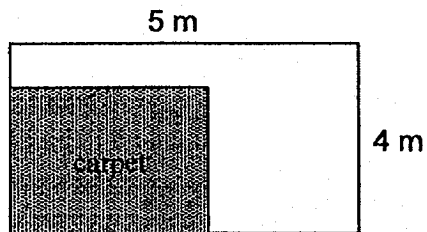
Figure Z

- (1) Figure W
- (2) Figure X
- (3) Figure Y
- (4) Figure Z

16. Jenny baked 836 cookies.
She packed them equally into 8 boxes and had 4 cookies left.
How many cookies did she pack into each box?

- (1) 104
- (2) 105
- (3) 207
- (4) 209

17. Ian's living room is 5 m by 4 m.
He covered the living room with a carpet that is 3 m by 3 m.
What is the area of the room that is not covered by the carpet?



- (1) 9 m^2
- (2) 11 m^2
- (3) 16 m^2
- (4) 18 m^2

SECTION B (32 marks)

Questions 18 to 23 carry 1 mark each.

Questions 24 to 36 carry 2 marks each.

Write your answers in the spaces provided.

For questions which require units, give your answers in the units stated.

All diagrams are not drawn to scale. Marks will be awarded for relevant working.

18. Write 5048 in words.

19. Express $\frac{16}{24}$ as a fraction in its simplest form.

Answer: _____

20. 3 h 28 min = _____ min

Answer: _____ min

21. $3092 + 1828 =$ _____

Answer: _____

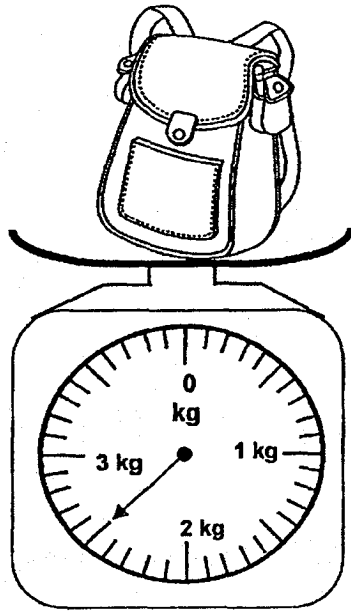
22. $608 \div 4 =$ _____

Answer: _____

23. $536 \times 9 =$ _____

Answer: _____

24. Find the mass of the school bag below.



Answer: _____ kg _____ g

25. Kelly had 2845 stickers.
She had 1976 more stickers than Helen.
How many stickers did Helen have?

Answer: _____

26. The mass of a watermelon is 2000 g.
The mass of a pineapple is 650 g.
How much lighter is the pineapple than the watermelon?

Answer: _____ g

27. Arrange the following numbers in order, beginning with the smallest.

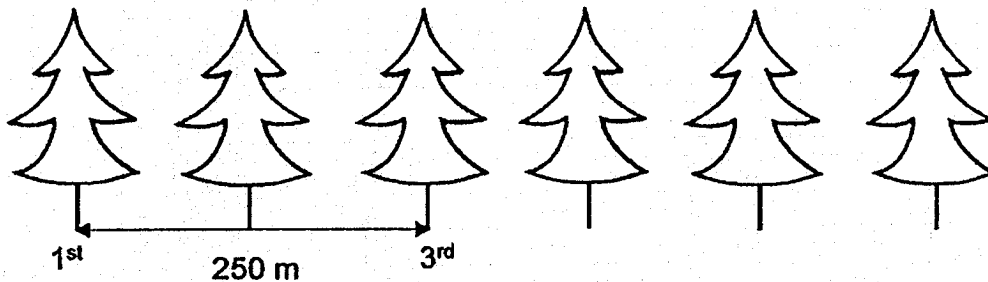
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Answer: _____ , _____ , _____ , _____
(Smallest)

28. A stall owner packed 4 blue pens and 3 black pens into a box.
He packed 908 boxes altogether.
How many pens did he pack into the boxes?

Answer: _____

29. There are 6 trees along Hillcrest Road.
The distance between each tree is the same.
The distance between the 1st and 3rd tree is 250 m.
What is the total distance between the 2nd and 6th tree?

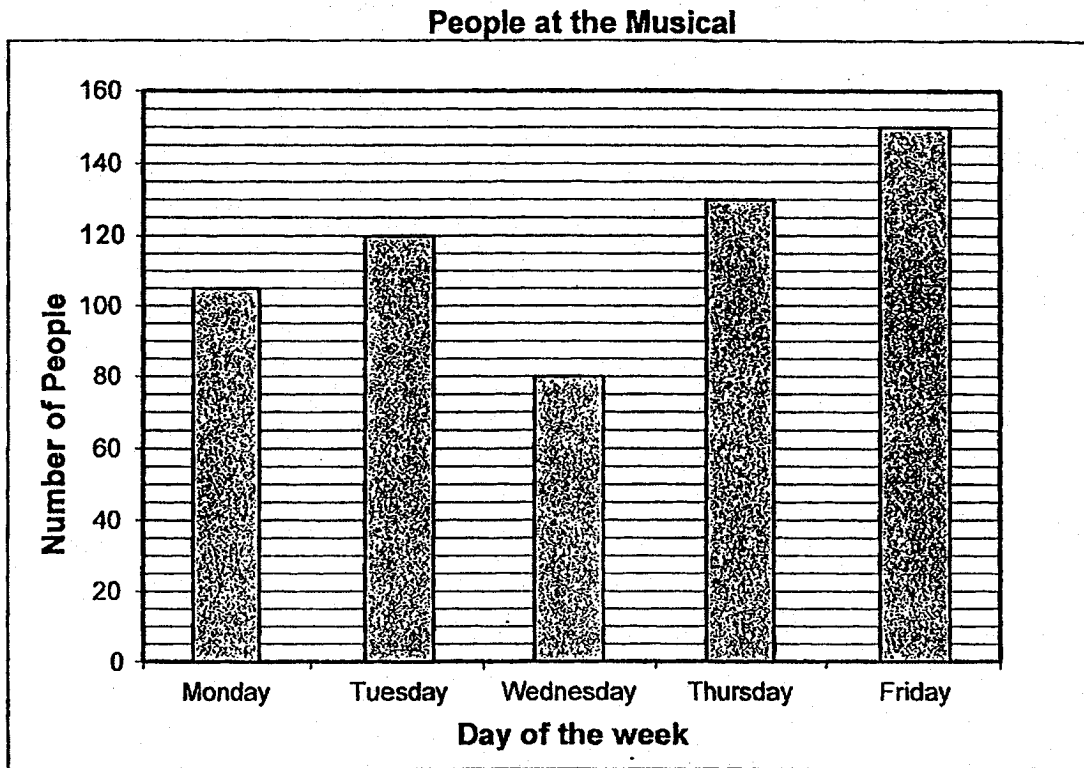


Answer: _____ m

30. Lily had 6 identical bottles of water.
Each bottle contained 330 *ml*.
She drank 2 bottles of water. How much water was left?

Answer: _____ *ml*

31. The graph shows the number of people who attended a Musical from Monday to Friday.



On which day were there 50 fewer people who attended the Musical than on Thursday?

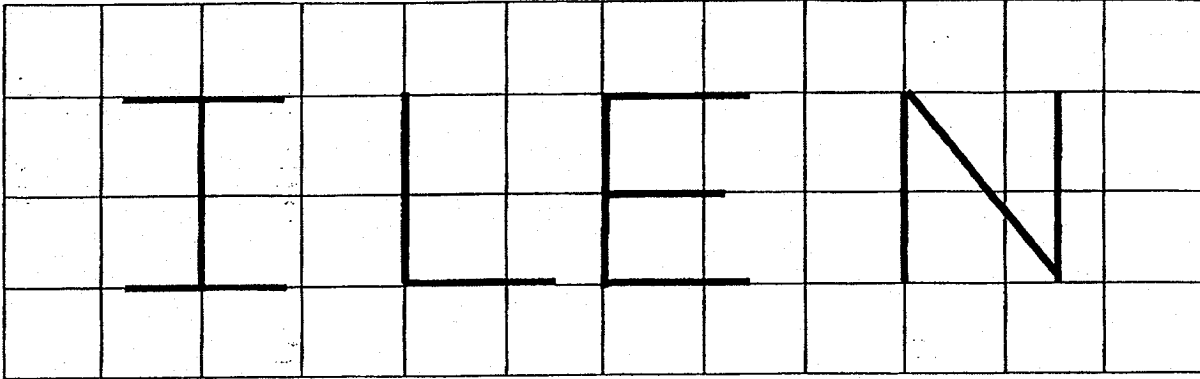
Answer: _____

32. Arrange the following fractions in order, beginning with the greatest fraction.

$$\frac{2}{9} \quad \frac{7}{12} \quad \frac{1}{2}$$

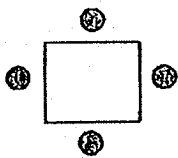
Ans: _____
(greatest)

33. Write the letter(s) that have both perpendicular and parallel lines in them.

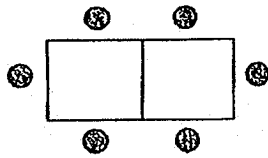


Answer: _____

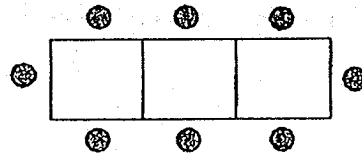
34. Sarah arranged the tables and chairs that followed a pattern. The first few arrangements were shown below.



1 table
4 chairs



2 tables
6 chairs



3 tables
8 chairs

How many chairs would she use for the arrangement of 8 tables?

Answer: _____

35. Sam and Jane had equal number of marbles at first. Sam bought another 98 marbles and Jane gave away 65 marbles. How many fewer marbles did Jane have than Sam at the end?

Answer: _____

36. Fiona started cycling from her home. She cycled for 1h 30 min. After that, she rested for 10 min and then continued to cycle for 50 min to the library. She reached the library at 2.10 p.m. At what time did she leave home?

Answer: _____ a.m.

SECTION C (20 marks)

For question 37 to 42, show your working clearly in the space provided for each question and write your answers with suitable units in the spaces provided. All diagrams are not drawn to scale. Marks will be awarded for relevant working.

The number of marks available is shown in brackets [] at the end of each question or part-question.

37. Janet had 980 cookies.
She gave away 68 of them and packed the rest into boxes of 8.
- a) How many cookies did she pack into the boxes?
 - b) How many boxes of cookies did she pack?

Answer: a) _____ [1]

b) _____ [2]

38. A group of 20 people attended an art course. The course fees are shown below.

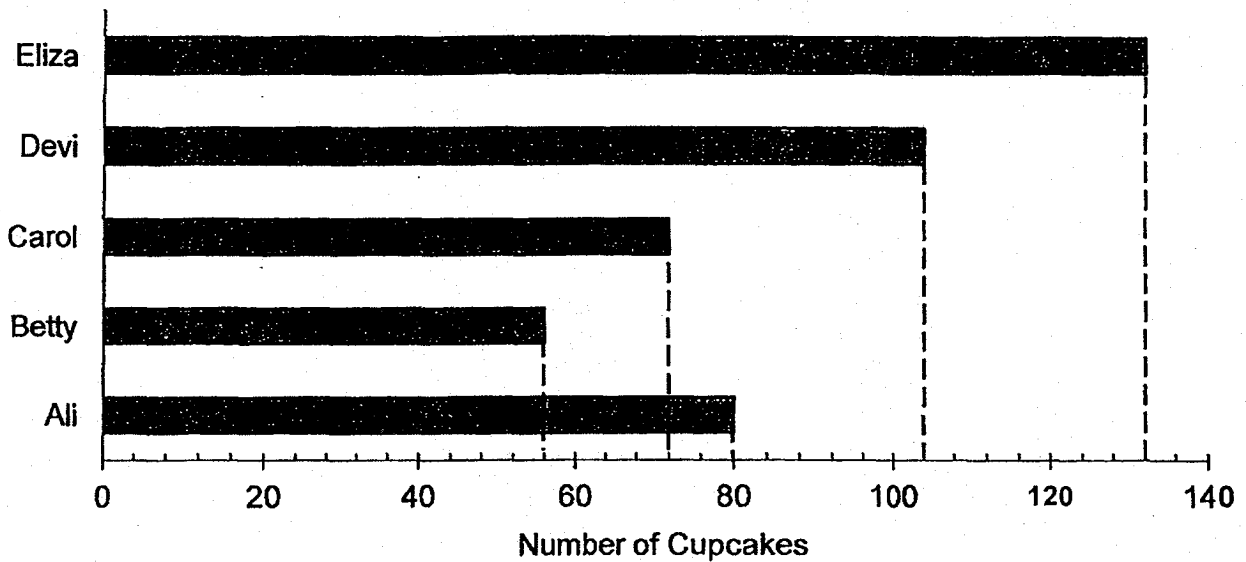
Art Course Fees	
Adult	\$9
Child	\$5

The group paid a total of \$148.
How many adults attended the course?

Answer: _____ [3]

39. The graph shows the number of cupcakes baked by 5 children.

Cupcakes baked by 5 children

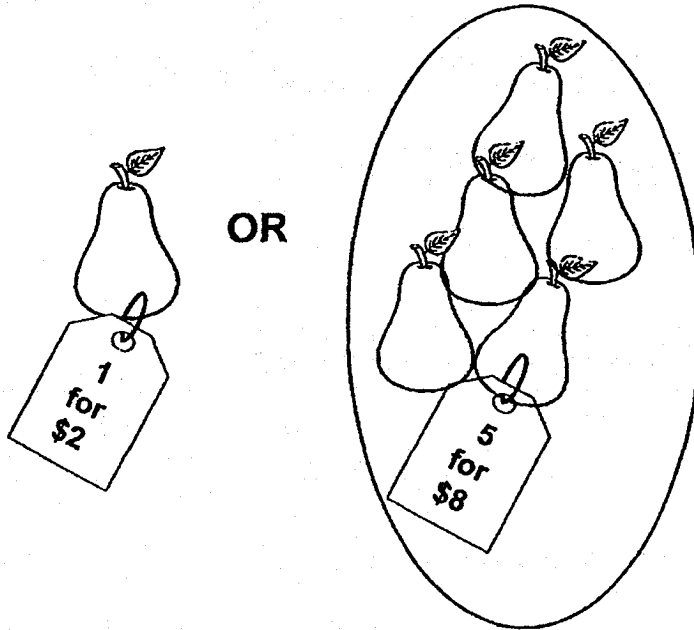


- a) Who baked the most number of cupcakes?
- b) How many cupcakes should Ali give to Betty so that both of them will have the same number of cupcakes?

Answer: a) _____ [1]

b) _____ [2]

40. Jenny wants to buy some pears.
Pears are sold in packets of 5 for \$8 or 1 pear for \$2.
She has \$31.
What is the most number of pears she can buy?



Answer: _____ [3]

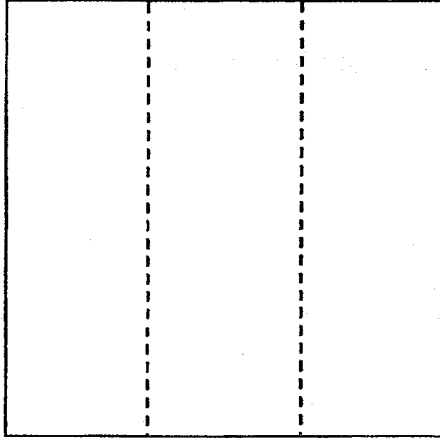
41. Jar A contained 930 beads.
It contained twice as many beads as Jar B.
Jar B contained 189 more beads than Jar C.

- a) How many beads did Jar C contain?
- b) What was the total number of beads in the 3 jars?

Answer: a) _____ [2]

b) _____ [2]

42. Mavis cut out 3 equal rectangles from a piece of square paper.
The paper has a perimeter of 48 cm.
What is the perimeter of each rectangle?



Answer: _____ [4]

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL

LEVEL : PRIMARY 3

SUBJECT : MATH

TERM : 2018 SA2

BOOKLET A

Q 1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	3	1	4	1	2	4	1	3
Q 11	Q12	Q13	Q14	Q15	Q16	Q17			
4	3	3	4	2	1	2			

BOOKLET B

Q18)	Five thousand and forty-eight
Q19)	$\frac{2}{3}$
Q20)	1h = 60 mins $60 \times 3 = 180$ $180 + 28 = 208$ min
Q21)	4920
Q22)	152
Q23)	4824
Q24)	2 kg 500 g
Q25)	$2845 - 1976 = 869$
Q26)	$2000 - 650 = 1350$
Q27)	4268 , 4628 , 4826 , 4862
Q28)	$4 + 3 = 7$ $908 \times 7 = 6356$
Q29)	$6 - 2 = 4$ $250 \div 2 = 4$ $125 \times 4 = 500$ m
Q30)	$6 - 2 = 4$

	$330 \times 4 = 1320 \text{ ml}$
Q31)	Wednesday
Q32)	$7/12, 1/2, 2/9$
Q33)	I, E
Q34)	$8 + 1 = 9$ $9 \times 2 = 18$
Q35)	$98 + 65 = 163$
Q36)	11.40 a.m.
Q37)	a) $980 - 68 = 912$ b) $912 \div 8 = 114$
Q38)	$20 \times 5 = 100$ $148 - 100 = 48$ $9 - 5 = 4$ $48 \div 4 = 12$
Q39)	a) Eliza b) $56 + 80 = 136$ $136 \div 2 = 68$ $80 - 68 = 12$
Q40)	$31 \div 8 = 3 \text{ R}7$ $3 \times 5 = 15$ $7 \div 2 = 3 \text{ R}1$ $3 \times 1 = 3$ $15 + 3 = 18$
Q41)	a) B : $930 \div 2 = 465$ C : $465 - 189 = 276$ b) A + B + C = $930 + 465 + 276 = 1671$
Q42)	$48 \div 12 = 4$ $8 \times 4 = 32 \text{ cm}$