



NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 2 – 2018
PRIMARY THREE
MATHEMATICS

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1 - 15.

Marks Obtained

Section	Maximum Marks	Actual Marks
A	30	
B	30	
C	20	
Total	80	

Name : _____ ()

Class : Pr 3 _____

Date : 31 October 2018

Duration: 1 h 45 min

Parent's Signature : _____

Section A: Multiple-Choice Questions (30 marks)

Questions 1 to 15 carry 2 marks each. For each question, four options are given. Only one of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade the correct oval on the Optical Answer Sheet (OAS).

1. In 8517, the digit '5' stands for _____.

(1) 5

(2) 50

(3) 500

(4) 5000

()

2. 5 thousands and 36 hundreds is the same as _____.

(1) 536

(2) 860

(3) 5360

(4) 8600

()

3. Find the difference between 496 and 57.

(1) 439

(2) 441

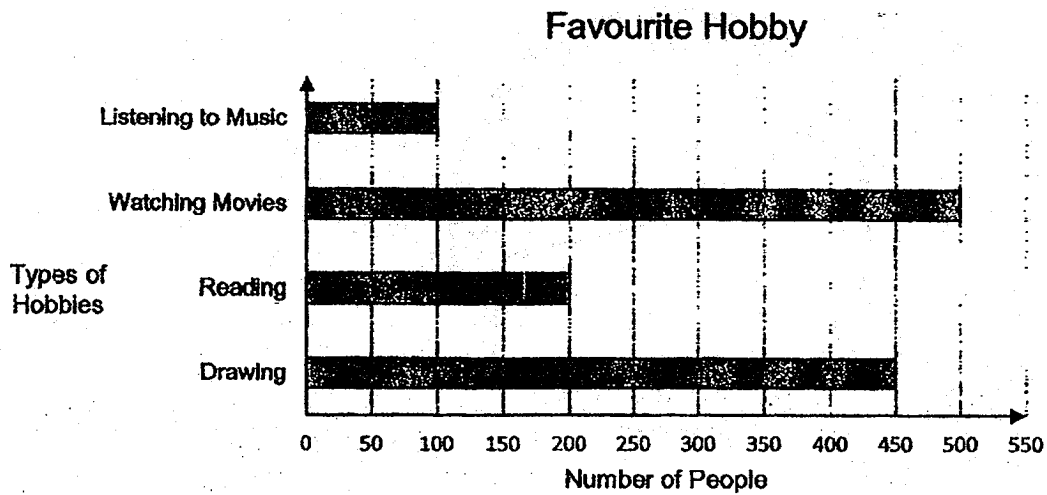
(3) 543

(4) 553

()

4. Refer to the graph shown below.

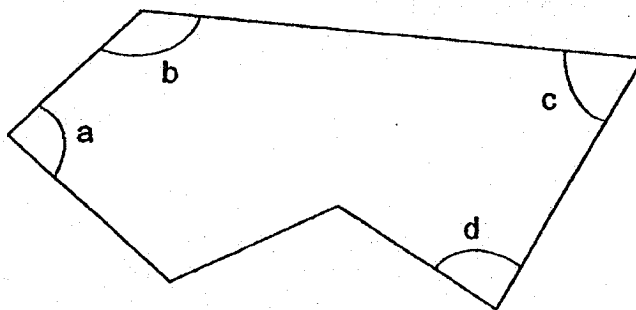
How many more people chose drawing than listening to music as their favourite hobby?



- (1) 100
- (2) 350
- (3) 450
- (4) 550

()

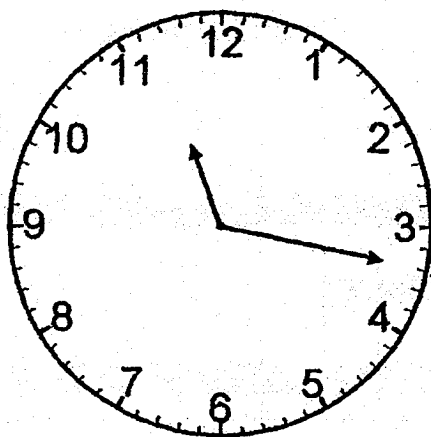
5. Which of these angles are greater than a right angle?



- (1) a
- (2) b
- (3) c
- (4) d

()

6. What is the time shown on the clock below?



- (1) 17 minutes to 11
- (2) 17 minutes past 11
- (3) 17 minutes to 12
- (4) 17 minutes past 12

()

7. Tim bought 18 packets of sweets. There were 9 sweets in each packet.
How many sweets did she have in total?

- (1) 72
- (2) 92
- (3) 152
- (4) 162

()

8. Add $\frac{1}{6}$ and $\frac{2}{3}$.

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

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

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

(4) $\frac{5}{6}$

()

9. Mary started her dance lesson at 2.45 p.m.
Her lesson ended at ended at 5.15 p.m.
What was the duration of her dance lesson?

(1) 1 h 30 min

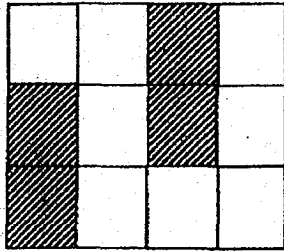
(2) 2 h 30 min

(3) 3 h 30 min

(4) 7 h.30 min

()

10. What fraction of the figure is shaded?



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

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

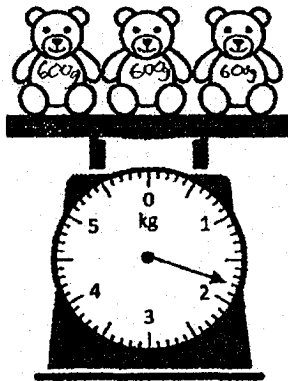
(3) $\frac{2}{3}$

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

()

11. The figure below shows 3 identical toy bears on a weighing scale.

What is the mass of each toy bear?



(1) 600 g

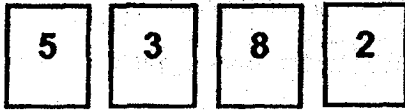
(2) 1300 g

(3) 1800 g

(4) 5400 g

()

12. What is the smallest 4-digit number that can be formed using all the digits below?
(Each digit can only be used once.)



- (1) 2358
- (2) 2385
- (3) 2538
- (4) 2583

()

13. $\frac{3}{12} + \frac{\boxed{?}}{12} = \frac{5}{6}$

- (1) 7
- (2) 2
- (3) 8
- (4) 4

()

14. Sally had a container of 324 buttons.
She used 6 buttons and packed the rest equally into 6 boxes.
How many buttons were there in each box?

- (1) 48
- (2) 53
- (3) 54
- (4) 55

()

15. A drink store owner sold 314 bottled drinks last week.

She sold 3 times as many bottled drinks this week than last week.

How many more bottled drinks did she sell this week than last week?

(1) 314

(2) 628

(3) 942

(4) 1256

()

Section B: Short Answer Questions (30 marks)

Questions 16 to 25 carry 1 mark each. Questions 26 to 35 carry 2 marks each. For each question, show your working clearly in the space below and write your answer in the box provided. Give your answer in the unit stated.

16. Write eight thousand and ninety-four in numerals.

17. Arrange these numbers in order. Begin with the **greatest** number.

7657

7675

7765

7756

greatest

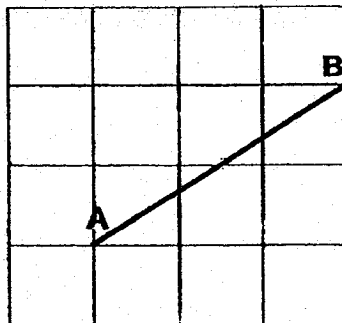
18. Alex had 97 coins. He packed them into bags of 9 coins.
He had some coins left. How many coins were left unpacked?

19. What is the product of 7 and 36?

20. John bought a 2-metre ribbon from a shop.
When he returned home, he used 20 cm of the ribbon.
What was the length of ribbon that John had left?

 cm

21. Draw a line in the square grid that is parallel to the line AB.



22. A number is 20 tens more than 5045. What is the number?

23. Serene filled a bottle with 360 ml of water.

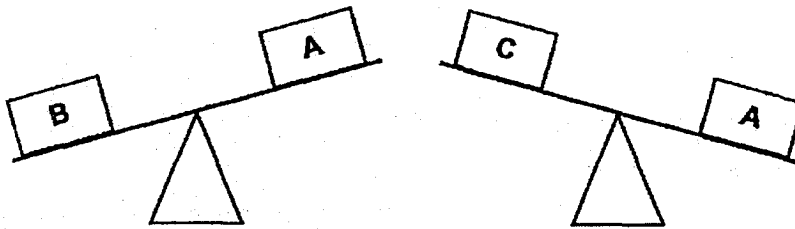
She needed 260 ml of water more to fill the bottle completely.

What is the capacity of the bottle?

 ml

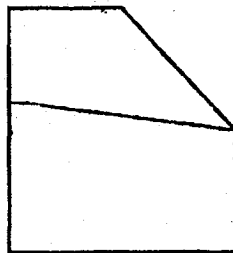
24. $8765 = 8000 + \underline{\hspace{2cm}} + 5$

25. Arrange the following boxes, A, B and C in order. Begin with the **lightest** box.



lightest

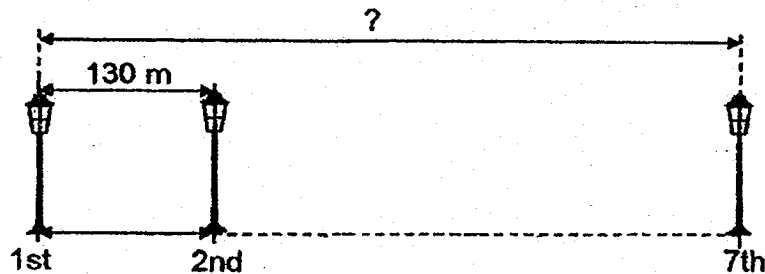
26. Look at the shape below.



- a) How many angles in the shape are smaller than a right angle ?

- b) How many right angles are there in the shape?

27. Seven identical lamp post were placed along a straight road as shown below.
The lamp posts were placed 130 m equally apart.
What was the distance between the 1st lamp post and the 7th lamp post?


 m

28. The library is open from 8 a.m. to 9.30 p.m. daily.
How long is the library open a day?

 h min

29. Jane bought a bag. She gave the cashier \$100.
She received \$57.90 change. How much did the bag cost?

 \$

30. Elaine wanted to fill a 2-litre jug completely with fruit punch.

She poured 520 ml of it into a bottle.

How much fruit punch was left in the jug ?

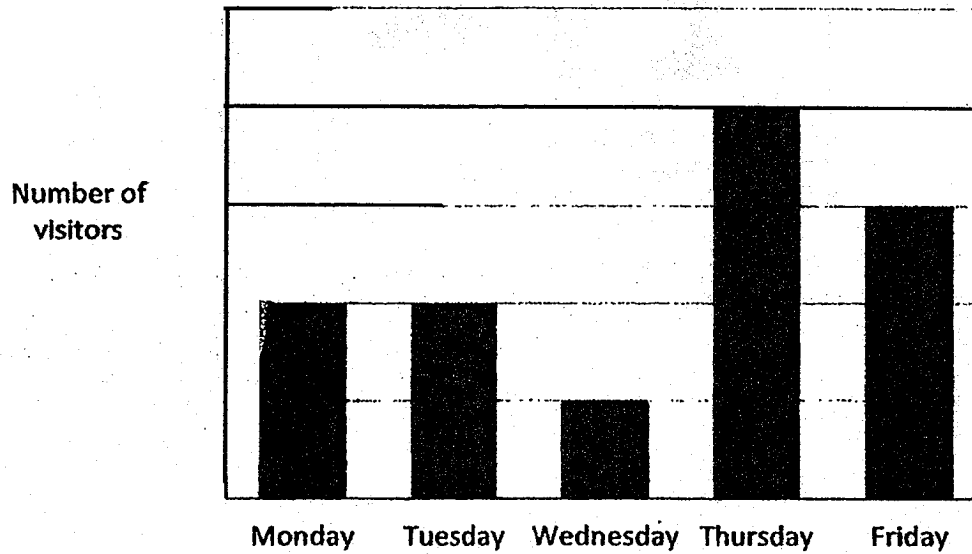
Give your answer in millilitres.

	ml
--	----

31. Study the bar graph below carefully and answer Questions 31a) and 31b).

The graph shows the number of visitors to the zoo on 5 days.

Susan spilled water on it and the scale was smudged as shown below.



The total number of visitors on Monday and _____ is 2 times the number of visitors on Friday.

32. Look at the advertisement below.

What is the **least** amount of money Danielle needs to pay for 10 toys?



\$

33. Below is the programme for a carnival day.

Event	Starts at	Ends at
Hollywood Action	11.35 a.m.	1.05 p.m.
Fantasy Carpet	1.00 p.m.	2.15 p.m.
Water World	1.00 p.m.	1.30 p.m.
4-D Adventure	2.15 p.m.	Q33 (b)

a) Bala watched Hollywood Action and left.

How much time did Bala spend at the carnival?

_____ h _____ min

b) Aini finished watching the Fantasy Carpet and the 4-D Adventure.

She spent a total of 1 h 45 min at the carnival.

What time did the 4-D Adventure event end?

_____ p.m.

34. Find the perimeter of Figure A.

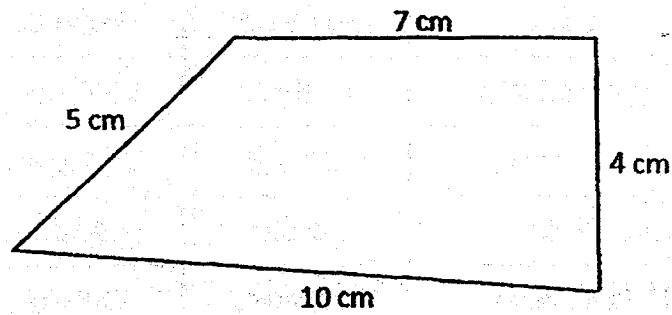


Figure A

cm

35. Jeremy had 2 times as many stamps as Keith.
After Jeremy gave Keith 8 stamps, they had the same number of stamps.
How many stamps did Jeremy have at first?

--

37. Jaime bought a dress and 2 shirts for \$32.

A dress cost twice as much as a shirt.

(a) How much does a shirt cost?

(b) How much does a dress cost?

Ans:

a)

b)

38. Andy had two pieces of cloth, Cloth A and Cloth B.

He cut Cloth A completely into 4 equal pieces, each measuring 8 m.

(a) What was the length of Cloth A?

(b) Cloth B measured 69 m.

He needs 7 m of cloth to make a dress.

How many dresses can he make with the Cloth B?

Ans:

a)

b)

39. Carin has 3 times as many stamps as Daryl.

Emily has 15 stamps fewer than Daryl.

(a) Emily has 20 stamps, how many stamps does Daryl have?

(b) How many stamps does Carin have?

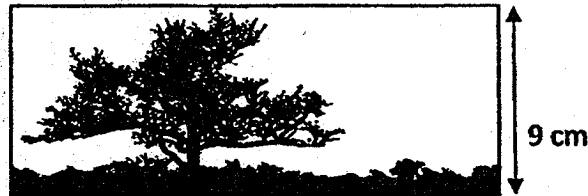
Ans:

a)

b)

40. Mrs Tan used a 108-cm string to make a frame for a rectangular painting with a breadth of 9 cm.

- a) What is the length of the rectangular painting?
b) What is the area of the rectangular painting?



A rectangular painting

Ans:

a)

b)

- End of Paper -

EXAM PAPER 2018 (P3)

SCHOOL : NAN HUA

SUBJECT : MATHEMATICS

TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	1	2	2	2	4	4	2	2
Q11	Q12	Q13	Q14	Q15					
1	1	1	2	2					

16)8094

17)7765 , 7756 , 7675 , 7657

18)7

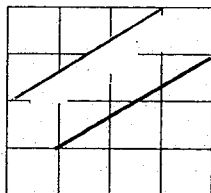
19)252

20)180 cm

21)

22)5045 + 200 = 5245

23)360 + 260 = 620 ml



24) 760

25)C A B

26)a)2

b)3

27) $7 - 1 = 6$

$$130 \times 6 = 780\text{m}$$

28) $1\text{h} + 1\text{h} + 1\text{h} + 1\text{h} + 1\text{h} + 1\text{h} + 2\text{h} + 5\text{h} + 30 = 13\text{h } 30\text{min}$

29) $100 - 57.90 = \$42.10$

30) $2\text{L} = 2000\text{ml}$

$2000 - 520 = 1480\text{ ml}$

31) Thursday

32) $3 \times 9 = \$27$

$\$27 + \$4 = \$31$

33) a) $1\text{h} + 25\text{min} + 5\text{min} = 1\text{ h } 30\text{ min}$

b) 2.45 p.m.

34) $10 + 5 + 7 + 4 = 26\text{ cm}$

35) $8 \times 2 = 16$

$16 \times 2 = 32$

36) a) $624 - 310 = 314$

b) $624 + 314 = 938$

37) a) $32 \div 4 = \$8$

b) $8 \times 2 = \$16$

38) a) $4 \times 8 = 32\text{m}$

b) $69 \div 7 = 9\text{ R } 6$

39) a) $20 + 15 = 35$

b) 1 unit $\rightarrow$ 35

3 units $\rightarrow 35 \times 3 = 105$

40) a) $9 \times 2 = 18$

$108 - 18 = 90$

$90 \div 2 = 45\text{cm}$

b) $45 \times 9 = 405\text{ cm}^2$