



PRIMARY 3 END-OF-YEAR EXAMINATION 2011

Name : _____ () Date: 28 October 2011

Class : Primary 3 ()

Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : _____

Marks: _____ / 80

MATHEMATICS

PAPER 1

(BOOKLETS A & B)

Time for Paper 1 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Booklet A	10
Booklet B	40
Total for Paper 1	50

Paper 1 : Booklet A (10 x 1 mark)

Questions 1 to 10 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval on the Optical Answer Sheet (OAS).

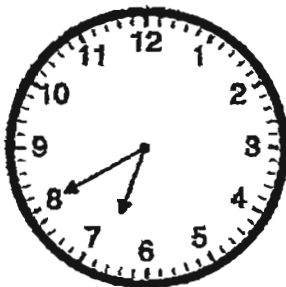
1. In 4205, the digit 2 stands for _____ .

- (1) 2×1
- (2) 2×10
- (3) 2×100
- (4) 2×1000

2. $9 + 9 + 9 + 9 = \underline{\hspace{2cm}} \times 9$

- (1) 36
- (2) 13
- (3) 9
- (4) 4

3. The time shown on the clock is _____ .



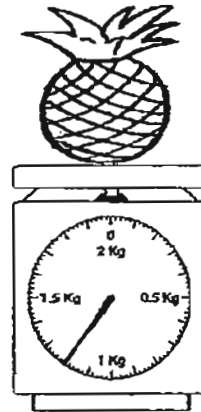
- (1) 20 minutes to 6
- (2) 20 minutes past 6
- (3) 20 minutes to 7
- (4) 20 minutes past 7

4. The sum of 1850 and 2115 is the same as the difference between _____ and 65.

- (1) 3900
- (2) 3965
- (3) 4030
- (4) 4035

5. The mass of the pineapple is _____ g.

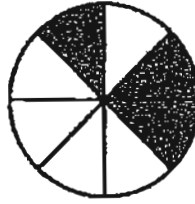
- (1) 12
- (2) 120
- (3) 1200
- (4) 12 000



6. Nicholas bought 30m of wire.
He cut it equally into 6 pieces.
The length of each piece is _____ cm.

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

7. What fraction of the figure is shaded ?



(1) $\frac{1}{8}$

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

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

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

8. $\frac{3}{4}$ is equivalent to _____.

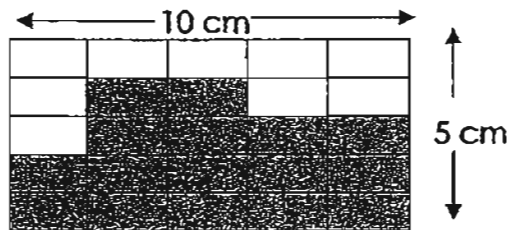
(1) $\frac{7}{8}$

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

(3) $\frac{9}{12}$

(4) $\frac{3}{12}$

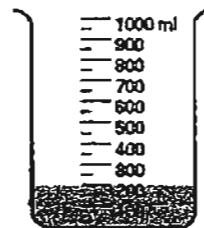
9. The unshaded area of the figure is _____ cm^2 .



- (1) 10
 (2) 18
 (3) 32
 (4) 50
10. Study the diagrams below carefully.
 How much water must be poured from Container A into Container B so that both contain the same amount of water ?



Container A



Container B

- (1) 950 ml
 (2) 550 ml
 (3) 275 ml
 (4) 225 ml

Tao Nan School
Primary 3 End-of-Year Mathematics Examination 2011

Name: _____ () Class: Pr 3 ()

Paper 1 Booklet B

Write your answers in the boxes provided. Give your answers in the units stated.
(20 x 2 marks)

11. Write two thousands, seven tens and sixteen ones in numerals.

Ans :

12. Form the greatest 4-digit odd number using each of the digits below once only.

3	6	0	9
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Ans :

13. Arrange the following fractions from the smallest to the biggest.

$$\frac{1}{4} , \frac{1}{8} , \frac{1}{10} , \frac{1}{5}$$

Ans :

14. What is the remainder when 751 is divided by 6 ?

Ans :

15. What is the missing number ?

350 , 375 , 425 , 500 , _____

Ans :

16. 13 June fell on a Monday 3 days ago.
What day will it be 5 days from now ?

Mon	Tues	Wed	Thurs	Fri	Sat	Sun
13						

Ans :

17. Write in grams.

$$3 \text{ kg } 75 \text{ g} = \underline{\hspace{2cm}} \text{ g}$$

Ans :

18. Mrs Ng bought 2 plates at \$ 7.90 each.
She gave the cashier a fifty-dollar note.
How much change did Mrs Ng receive ?

Ans :

19. Amy has 3 ten-dollar notes, 1 five-dollar note, 5 twenty-cent coins
and 4 five-cent coins in her purse.
How much does she have ?

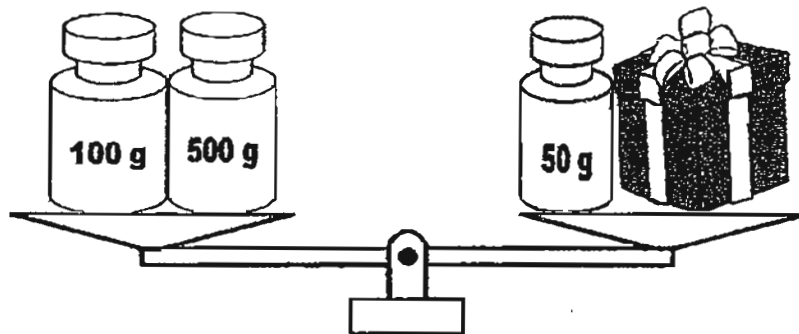


Ans :

20. Bobby cycled 2 km 115 m. Peter cycled 805 m less.
How far did both of them cycle ?

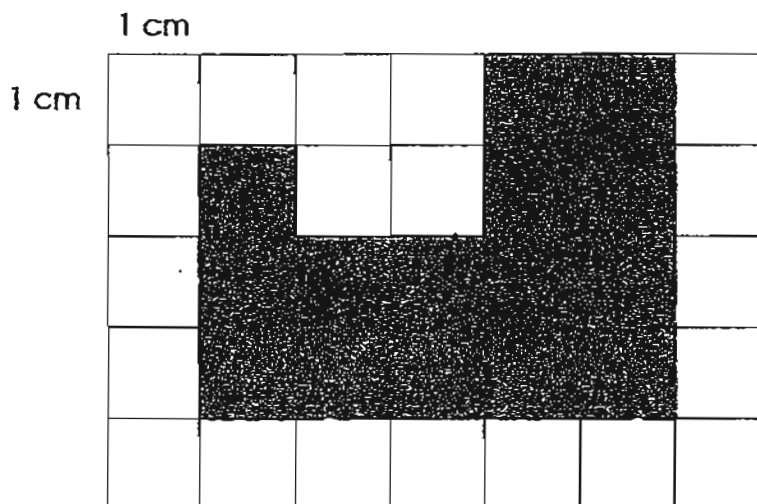
Ans :

21. What is the mass of the box ?



Ans :

22. The shaded figure is drawn on 1-cm grid.
What is the **perimeter** of the shaded figure?



Ans :

23. Fill in the boxes with the numbers 1, 2, 3 and 4 to get the product.
Use each number only once.

X		
1 2 3 6		

24. George ate $\frac{1}{6}$ of a pizza and Trevor ate $\frac{1}{3}$ of it.

What fraction of the original pizza was eaten ?
(Give your answer as a fraction in its simplest form)

Ans :

25.


= \$11.20


= \$ 4.60

What is the cost of a book ?

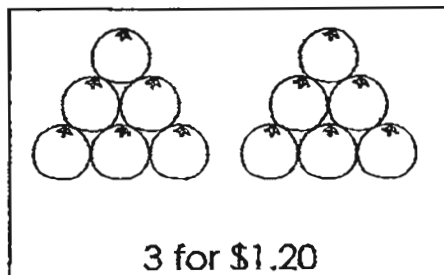
Ans :

26. Ali played a game on a computer.
What is his final score at the end of the game ?

Starting Score	Points Lost	Points Scored	Your Final Score
237	45	30	?

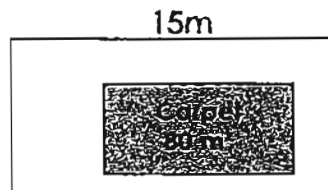
Ans :

27. Madam Minah bought a dozen oranges and had 20¢ left.
How much money did she have at first ?



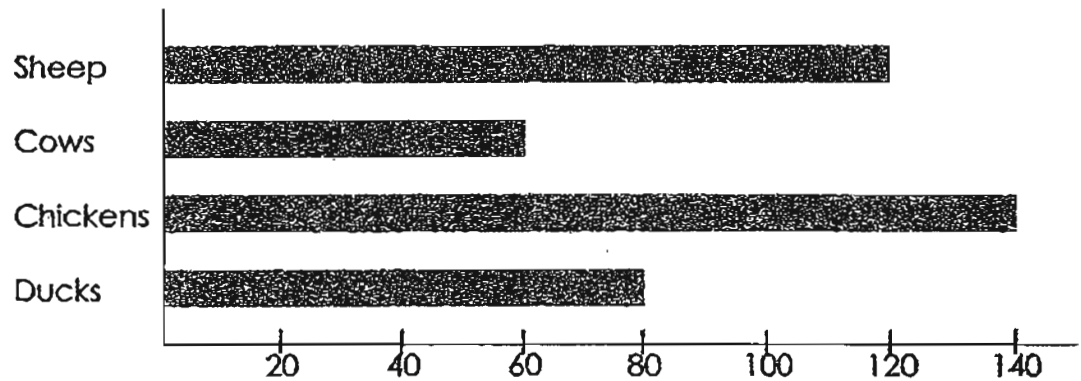
Ans :

28. A living room is 15m by 10m. The carpet has an area of 80m².
What is the area of the living room which is **not** covered by the carpet ?



Ans :

The graph below shows the different animals on a farm.
Study it carefully to answer **Q29** and **Q30**.



29. How many more sheep than cows are there ?

Ans :

30. What is the total number of animals on the farm ?

Ans :

End-of-Paper 1



PRIMARY 3 END-OF-YEAR EXAMINATION 2011

Name : _____ () Date: 28 October 2011

Class : Primary 3 ()

Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____

Marks: _____ / 30

MATHEMATICS

PAPER 2

Time for Paper 2 is 1 hour.

Do not open this booklet until you are told to do so.

Read and follow all instructions carefully.

Answer all questions.

Paper 2 : (10 x 3 marks)

Solve the following problem sums. Show your working and statements clearly in the space provided.

1. A calculator costs \$29.
An iPod costs 5 times as much as the calculator.
How much does the iPod cost ?



\$29

?

Ans : _____

2. There are 80 children in a theatre.
There are 4 times as many adults as children in the theatre.
How many more adults than children are there in the theatre ?

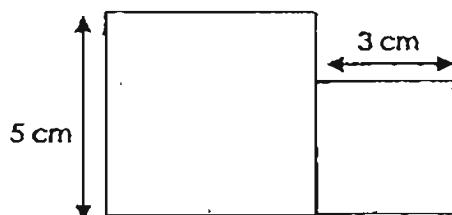
Ans : _____

3. Tammi ate $\frac{2}{5}$ of a cake and gave half of the remainder to Natalie.

What fraction of the cake was left ?

Ans

4. The figure below is made up of two squares.
What is the area of the figure ?



Ans :

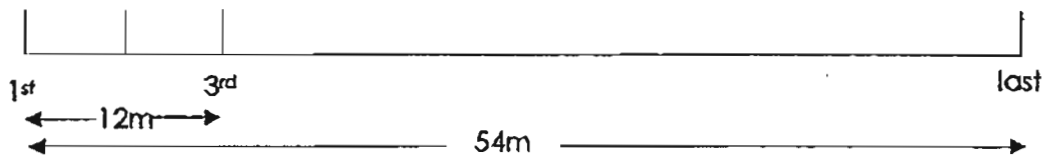
5. The total length of 3 pieces of ribbon A, B and C is 210 cm.
B is 50 cm longer than C but 20 cm shorter than A.
What is the length of ribbon A ?

Ans : _____

-
6. Tom is 5 years older than Ben. In 2 years' time, Ben will be 10 years old.
How old is Tom now ?

Ans : _____

7. Some poles are placed along a walkway at an equal distance.
 The distance between the 1st and the 3rd pole is 12m.
 The distance between the 1st and the last pole is 54m.
 How many poles are there altogether ?



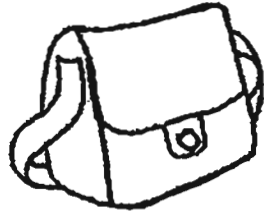
Ans : _____

8. Joe had 2 times as many marbles as Peter.
 After Joe gave away 150 marbles, Peter had 3 times as many marbles as Joe.
 How many marbles did Joe have at first ?

Joe		
Peter		

Ans : _____

9. Two handbags, A and B, contained \$380.
When \$90 was removed from Handbag B and put into Handbag A,
A and B contained the same amount of money.
How much money was there in Handbag B at first ?



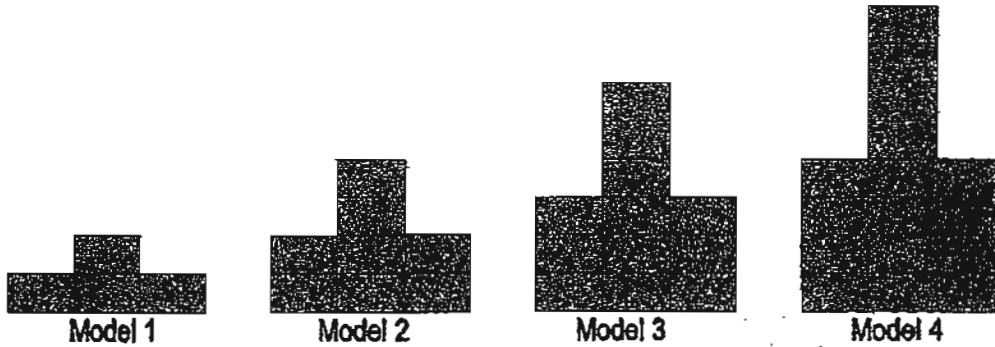
Handbag A



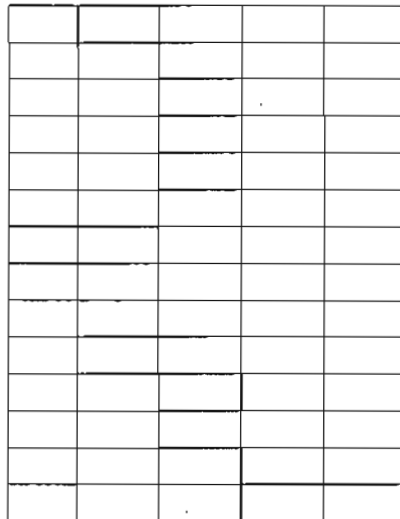
Handbag B

Ans : _____

10. The following models are made up of tiles.



(a) Draw and shade Model 6 (1m)



(b) How many tiles are needed to build Model 10 ? (2m)

...



ANSWER SHEET

EXAM PAPER 2011

SCHOOL : TAO NAN
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA2



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

- 11)2086 12)9603 13) $1/10, 1/8, 1/5, 1/4$ 14)1 15)600
- 16)Tuesday 17)3075g 18)\$34.20 19)\$36.20 20)3425m
- 21)550g 22)20cm 23) $\begin{array}{r} 412 \\ \times 3 \\ \hline 1236 \end{array}$ 24) $1/2$ 25)\$2.00
- 26)222 27)\$5 28)70m² 29)60 30)400

Paper 2

1)\$29 x 3 = 145

The iPod costs \$145.

2)80 x 4 = 320

320 - 80 = 240

There are 240 more adults than children in the theatre.

3) $5/5 = 10/10$

$10/10 - 4/10 = 6/10$

$2/5 - 4/10$

$6/10 \div 2 = 3/10$

The cake was left with 3/10.

4) $3 \times 3 = 9$

$5 \times 5 = 25$

$9 + 25 = 34$

The area of the figure is 34cm².

5) $210 - 30 - 30 = 150$

$150 \div 3 = 50$

$50 + 30 = 80\text{cm}$

The length of ribbon A is 80cm.

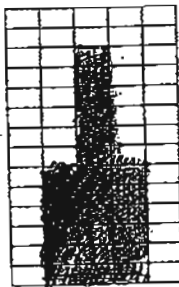
6) $10 - 2 = 8$
 $8 + 5 = 13$
Tom is 13 years old now.

7) $12 \div 2 = 6$
 $54 \div 6 = 9$
 $9 + 1 = 10$
There are 10 poles.

8) $150/5 \times 6 = 180$

9) $380 \div 2 = 190$
 $190 + 90 = 280$

10)a)



b) $(10 \times 10) + 10$
 $= 100 + 10 = 110$