



PRIMARY 4 MID-YEAR EXAMINATION 2012

Name : _____ () Date: 11 May 2012

Class : Primary 4 () Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : _____ Marks: _____ / 100

MATHEMATICS

PAPER 1

(Booklet A and Booklet 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	20
Booklet B	40
Total for Paper 1	60

Questions 1 to 10 carry 2 marks each.

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

Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

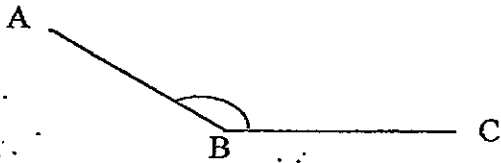
1. What is the value of 7 in 92 873?
 - (1) 7
 - (2) 70
 - (3) 700
 - (4) 7 000

2. 54 635 is _____ when rounded off to the nearest hundred.
 - (1) 54 600
 - (2) 54 700
 - (3) 55 000
 - (4) 55 600

3. Multiply 39 by 42. From the product, what is the value of the digit in the hundreds place?
 - (1) 100
 - (2) 300
 - (3) 600
 - (4) 800

4. Find the product of 8 tens and 80 ones.
 - (1) 640
 - (2) 880
 - (3) 6 400
 - (4) 8 080

5.



The above figure is not drawn to scale. Estimate $\angle ABC$.

- (1) 155°
- (2) 180°
- (3) 235°
- (4) 270°

6. 64 is a common multiple of _____.

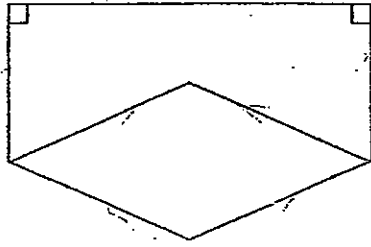
- (1) 1 and 3
- (2) 2 and 5
- (3) 3 and 4
- (4) 4 and 8

7. The area of a square is 25cm^2 . What is its perimeter?

- (1) 10 cm
- (2) 20 cm
- (3) 25 cm
- (4) 100 cm

The figure below is not drawn to scale.

Look at it to answer questions 8 and 9.



8. How many pairs of parallel lines are there in the above figure?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

9. How many pairs of perpendicular lines are there in the above figure?

- (1) 1
- (2) 2
- (3) 3
- (4) 4

10. There are 45 chairs in a classroom. $\frac{6}{9}$ of them are occupied.

How many chairs are not occupied?

- (1) 39
- (2) 5
- (3) 3
- (4) 15

End of Booklet A

Tao Nan School
Primary 4 Mathematics Mid-Year Examination 2012

Name: _____ () Class: Primary 4 ()

Paper 1 (Booklet B)

Each question carries 2 marks. Write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

11. Write 45 098 in words.

12. Fill in the missing number.

2945

3045

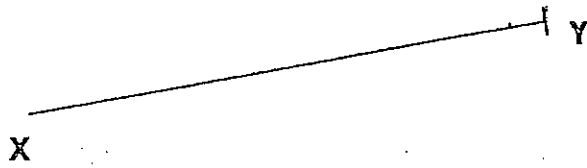
?

3305

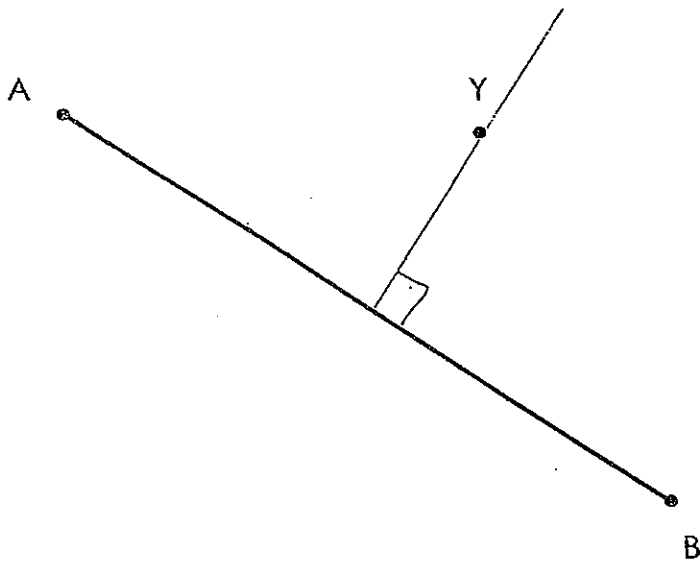
3465

13. Find the sum of all the factors of 24.

14. A line XY has been drawn for you. Using a protractor draw an angle such that $\angle XYZ = 115^\circ$. Mark and label the angle drawn.



15. Draw a line perpendicular to AB. The line must pass through Y.



16. What is the quotient when 7854 is divided by 5?

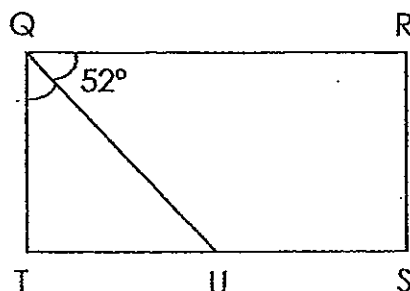
17. Rebecca took $1\frac{3}{4}$ h to complete her homework.

Christine took $\frac{2}{3}$ h to complete her homework.

How much time did they take altogether to complete their homework?

Leave your answer as a fraction in the simplest form.

18. QRST is a rectangle. If $\angle RQU = 52^\circ$, find $\angle UQT$.



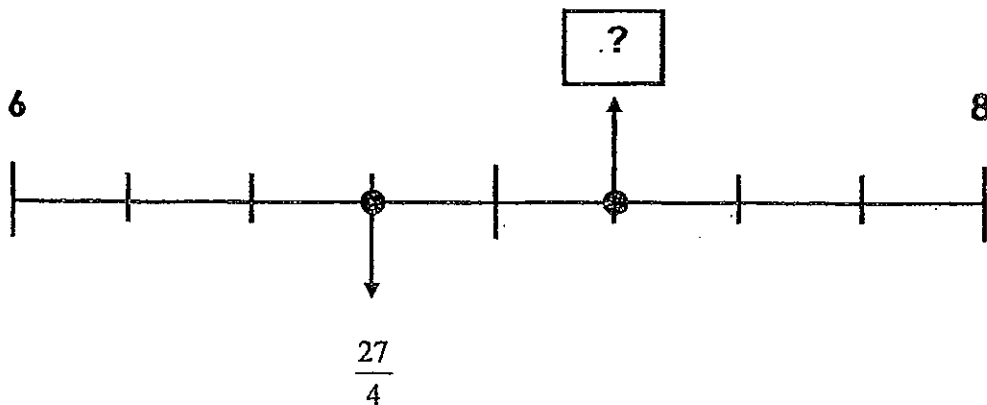
19. The sum of two numbers is 180. One of the numbers is 70 more than the other. What is the smaller number?

20. $\star \times \star = 81$

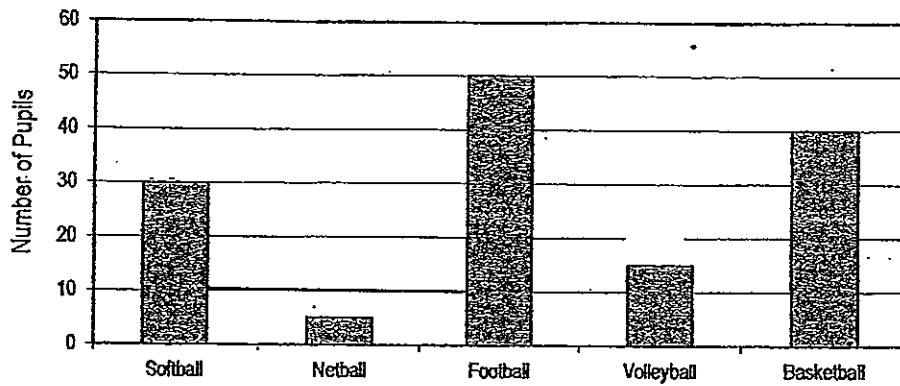
$\star \times \blacksquare \times \blacksquare = 324$

Find the value of $\star \times \blacksquare$

21. What is the missing fraction? Express your answer as a mixed number in its simplest form.



The bar graph below shows the number of pupils who took part in ball games. Study the graph carefully and answer questions 22 and 23.



22. Which two ball games are played by a total of 35 pupils?

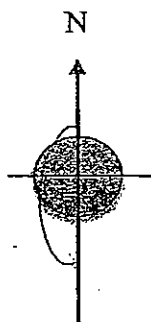
23. How many more pupils participated in football than the total number of pupils who participated in netball and basketball?

24. Convert $4\frac{2}{3}$ to an improper fraction.

25. $\frac{2}{5}$ of the pupils in Sunny Primary School are girls. There are 1374 boys in the school. How many girls are there in Sunny Primary School?

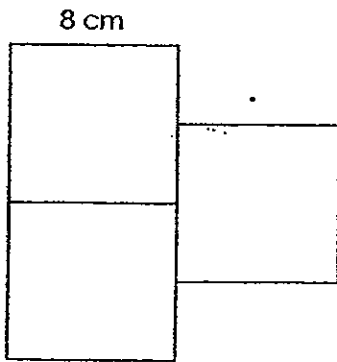
26. Darren bought 5 wallets and gave the cashier \$200. If he received a change of \$25, how much did each wallet cost?

27. Use the compass below to answer the question.

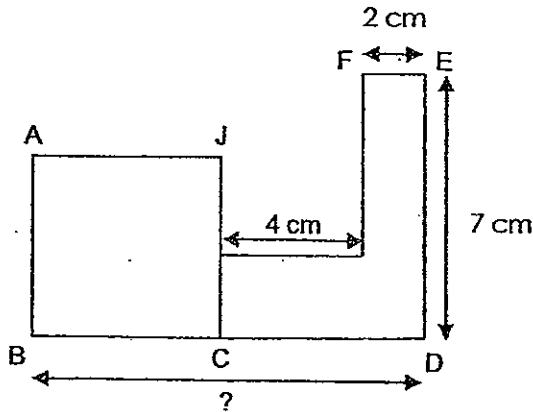


Winston starts by facing the North.
He makes a half-turn in an anti-clockwise direction.
Then he makes a 270° turn in a clockwise direction.
He ends up facing the _____.

28. The figure below is made up of 3 identical squares. Find the perimeter of the figure.

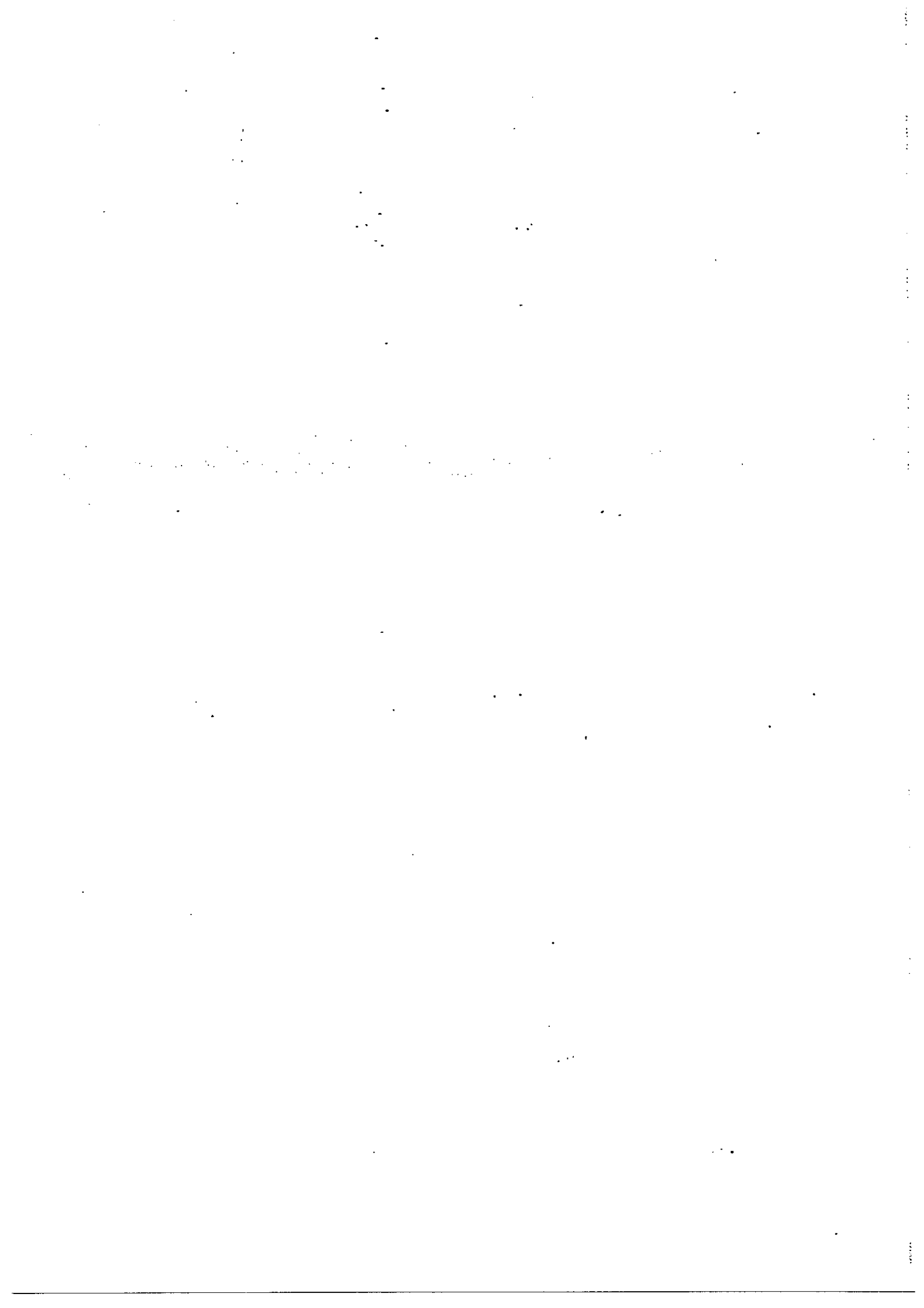


29. The perimeter of the square, ABCJ, is 24 cm. Find the length BD.



30. Chelsea has fewer than 50 exercise books. She can arrange them into either 5 or 6 equal piles. How many exercise books does she have?

End of Booklet B





PRIMARY 4 MID-YEAR EXAMINATION 2012

Name : _____ () Date: 11 May 2012

Class : Primary 4 () Time: 10.30 a.m. - 11.45 a.m.

Parent's Signature : _____ Marks: _____ / 40

MATHEMATICS

PAPER 2

Time for Paper 2 is 1 hour 15 minutes.

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

Read and follow all instructions carefully.

Answer all questions.

Questions 1 to 10 carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

1. ~~There were 10 boxes of oranges~~ Each box contained 25 oranges. Mr Lee repacked the oranges into bags of 20. How many bags did he use?

Ans: _____

2. Fatimah mixed 8ℓ of syrup with 32ℓ of water in a container. She then poured $\frac{2}{5}$ of the drink into some glasses. How many litres of drink were left in the container?

Ans: _____

3. Ali is 8 years older than Muthu. In 6 years' time, Ali will be twice as old as Muthu. How old is Muthu now?

Ans: _____

4. Simon bought a book and 8 pens for \$90.
A book cost as much as 2 pens. Find the cost of a pen.

Ans: _____

5. Susan has a total of 20 ducks and goats in her farm. These animals have 48 legs altogether. How many goats are there in her farm?

Ans: _____

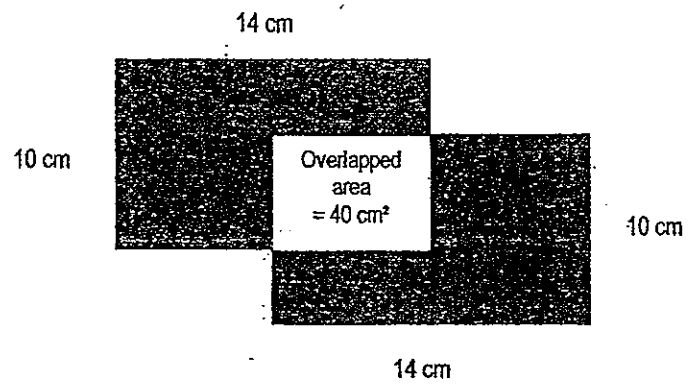
6. Rani has some stickers. If she gives 7 stickers to each of her friends, she will have 3 stickers left. If she gives 8 stickers to each of her friends, she will have a shortage of 3 stickers. How many stickers does Rani have?

Ans: _____

7. Peter has 8 times as many books as Shawn. When Peter gave 72 books to Shawn, he had twice as many books as Shawn. How many books did Peter have left?

Ans: _____

8. Two identical pieces of rectangular cardboards measuring 14 cm by 10 cm overlapped each other as shown below. Find the area of the shaded part.



Ans: _____

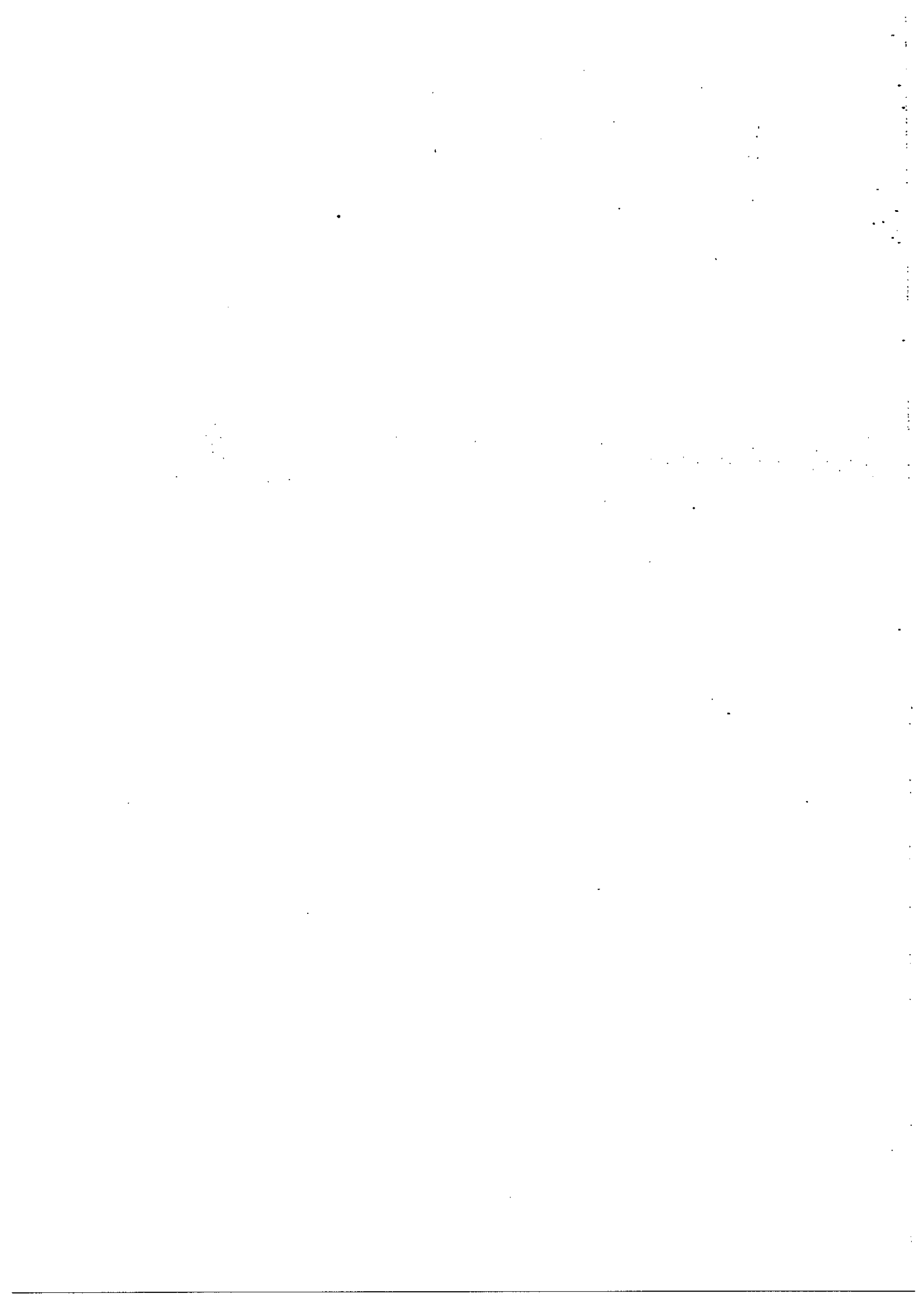
9. There were 309 counters in packet A, B and C altogether. 42 counters were transferred from packets A to B, and 28 counters were transferred from packets B to C. As a result, the number of counters in each packet is the same. How many counters were there in packet B at first?

Ans: _____

10. $\frac{1}{8}$ of the flowers in a basket are white, $\frac{1}{4}$ of them are red and the remaining are yellow. There are 27 more yellow flowers than red ones. How many flowers are there in the basket?

Ans: _____

End of Paper 2



Tao Nan School
Semestral Assessment 1 – 2012
Answer Key for P4 Mathematics
Paper 1

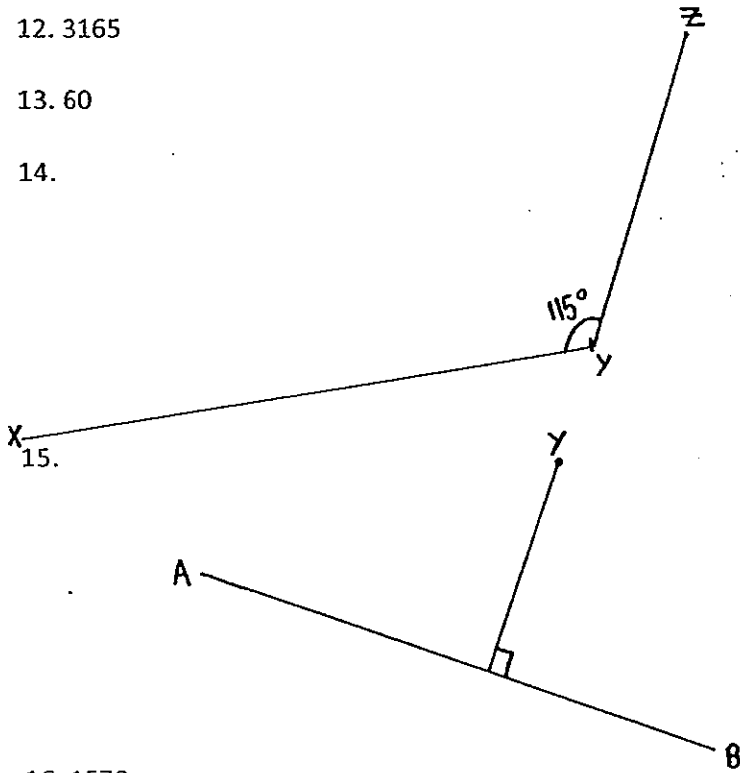
1)	2	6)	4
2)	1	7)	2
3)	3	8)	3
4)	3	9)	2
5)	1	10)	4

11. Forty-five thousand and ninety-eight

12. 3165

13. 60

14.



15.

16. 1570

17. $2\frac{5}{12}$

18. 38

19. 55

20. 54

21. $7\frac{1}{4}$

22. Softball and Netball

23. 5

24. $\frac{14}{3}$

25. 916

26. 35

27. East

28. 64

29. 12

30. 30

Paper 2

1. $40 \times 25 = 1000$
 $1000 \div 20 = \underline{50 \text{ bags}}$

2. $8 + 32 = 40$
 $40 \div 5 = 8$
 $8 \times 3 = \underline{24 \text{ litres}}$

3. $8 - 6 = \underline{2 \text{ years old}}$

4. $8 + 2 = 10$
 $90 \div 10 = \underline{\$9}$

5.

Check	No. of ducks	No. of goats	No. of duck legs	No. of goat legs	Total no. of legs	Total no. of animals
X	13	7	26	28	54	20
X	17	3	34	12	46	20
✓	16	4	32	16	48	20

4 goats

6.

Multiples of 7	7	14	21	28	35	42	49
+ 3	10	17	24	31	38	45	52
Multiples of 8	8	16	24	32	40	48	56
- 3	5	13	21	29	37	45	53

Rani has 45 stickers.

7. $72 \div 2 = 36$
 $36 \times 6 = \underline{216 \text{ books}}$

8. $14 \times 10 = 140$
 $140 - 40 = 100$
 $100 \times 2 = \underline{200 \text{ cm}^2}$

9. $309 \div 3 = 103$
 $42 - 28 = 14$
 $103 - 14 = \underline{89 \text{ counters}}$

10. $\frac{1}{4} = \frac{2}{8}$
 $1 - \frac{2}{8} - \frac{1}{8} = \frac{5}{8}$
 $\frac{5}{8} - \frac{2}{8} = \frac{3}{8}$
 $27 \div 3 = 9$
 $9 \times 8 = \underline{72 \text{ flowers}}$

