

METHODIST GIRLS' SCHOOL (Primary)
Mid-Year Examination 2007
Primary 4

Mathematics

Booklet A

Name: _____ ()

Class: P 4. _____

Total time for Booklets A, B and C: 1h 45 min

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW THE INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

Section A: (40 marks)

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

1. What is eighty thousand, nine hundred and eight in numerals?
 - (1) 80 098
 - (2) 80 908
 - (3) 89 098
 - (4) 89 908

2. In 75 238, the value of the digit 7 is $7 \times$ _____.
 - (1) 1 000
 - (2) 7 000
 - (3) 10 000
 - (4) 70 000

3. A common factor of 36 and 48 is _____.
 - (1) 16
 - (2) 9
 - (3) 3
 - (4) 8

4. Which of the following numbers when divided by 18 gives a quotient of 27 with no remainder?
 - (1) 224
 - (2) 243
 - (3) 476
 - (4) 486

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5. The table below shows time taken for $\frac{5}{4}$ boys to run 100m. Study the table below and answer the following question. 2

Names	Time
Ali	13.4s
John	14.4s
Shawn	11.4s
Ming Li	16.4s
Ahmad	12.4s

Who ran faster than John by 2s?

- (1) Ali
 - (2) Ahmad
 - (3) Ming Li
 - (4) Shawn
6. How many twelfths are there in $3\frac{7}{12}$?
- (1) 21
 - (2) 33
 - (3) 36
 - (4) 43
7. What is the missing fraction in the box?

$$4\frac{3}{5} - 2\frac{11}{15} = \boxed{?}$$

- (1) $1\frac{2}{15}$
- (2) $1\frac{13}{15}$
- (3) $2\frac{2}{15}$
- (4) $2\frac{13}{15}$

Go to page 3

8. There are 96 sweets in a bag.

$\frac{2}{3}$ of the sweets are orange flavoured while the rest are raspberry flavoured.

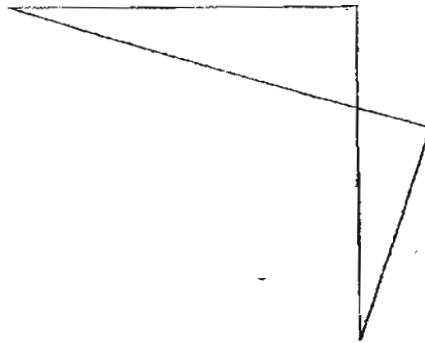
How many raspberry flavoured sweets are there?

- (1) 16
- (2) 32
- (3) 48
- (4) 64

9. How many $\frac{1}{4}$ -turns are there in 270° ?

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

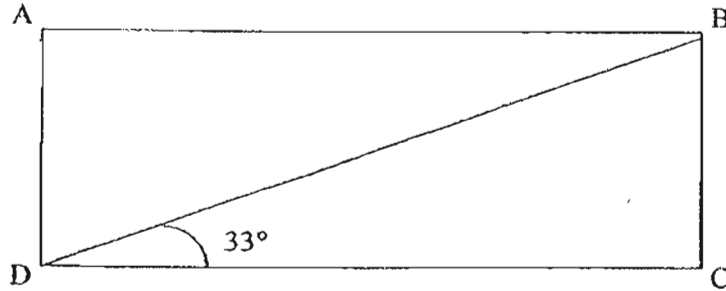
10. How many pairs of perpendicular lines are there in the figure below?



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

Go to page 4

11. ABCD is a rectangle. What is $\angle ADB$?

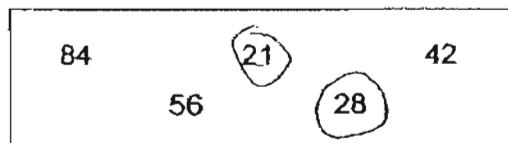


- (1) 33°
- (2) 57°
- (3) 67°
- (4) 147°

12. Danny has \$7 000 when rounded off to the nearest \$100. What is the least possible amount of money Danny has?

- (1) \$6 549
- (2) \$6 599
- (3) \$6 949
- (4) \$6 999

13. The numbers in the box below represent the multiples of a certain number. What number is that?



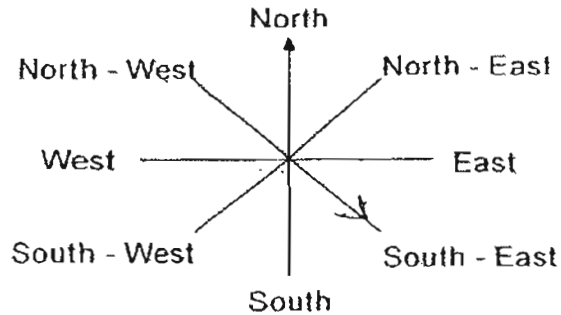
- (1) ~~9~~
- (2) ~~7~~
- (3) ~~3~~
- (4) ~~4~~

Go to page 5

14. You are facing East.

You make three $\frac{1}{4}$ -turns clockwise and then a 45° turn in an anti-clockwise direction.

Which direction are you facing now?



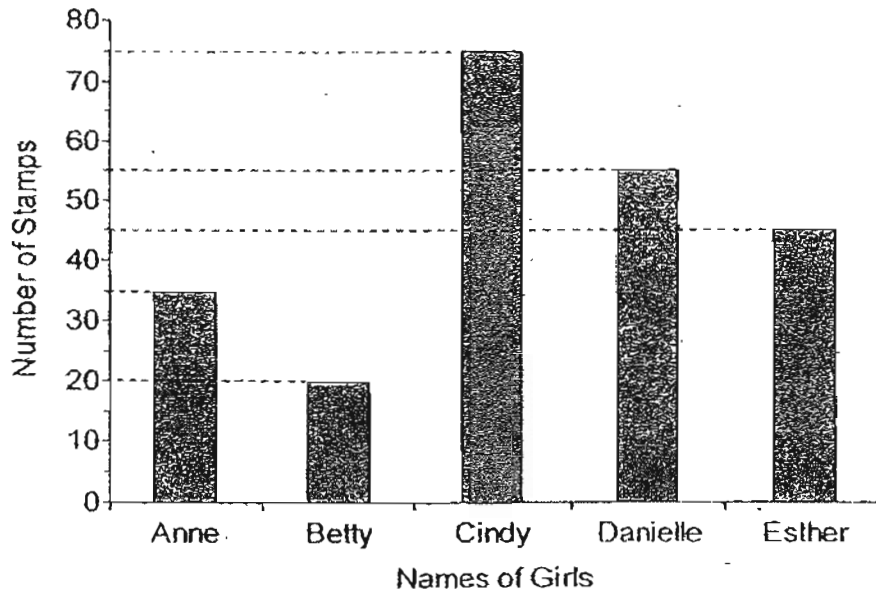
- (1) North – West
- (2) North – East
- (3) South – West
- (4) South – East

15. What is $\frac{75}{9}$ expressed as a mixed number in the simplest form?

- (1) $7\frac{5}{9}$
- (2) $7\frac{1}{3}$
- (3) $8\frac{3}{9}$
- (4) $8\frac{1}{3}$

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The graph below shows the number of stamps collected by 5 girls. Study it carefully and answer questions 16 and 17.



16. Who collected 20 more stamps than Anne?

- (1) Betty
- (2) Cindy
- (3) Esther
- (4) Danielle

17. What is the difference in the number of stamps collected between the person who collected the most and the person who collected the least?

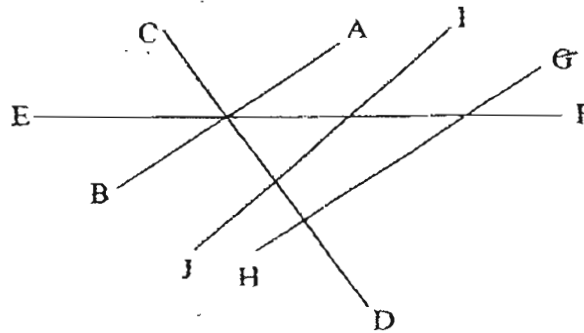
- (1) 10
- (2) 15
- (3) 35
- (4) 55

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18. A ferry can take a maximum of 30 passengers per trip. Each trip cost \$15. If there were 4 172 passengers, how much money would be collected?

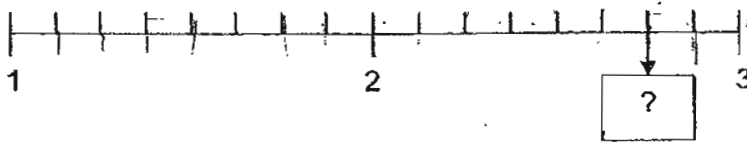
- (1) \$2 085
- (2) \$2 086
- (3) \$2 100
- (4) \$2 101

19. Which line is parallel to AB?



- (1) CD
- (2) EF
- (3) GH
- (4) IJ

20. What is the fraction in the box?



- (1) $2\frac{3}{4}$
- (2) $2\frac{7}{9}$
- (3) $2\frac{7}{8}$
- (4) $3\frac{1}{4}$

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METHODIST GIRLS' SCHOOL (Primary)
Mid-Year Examination 2007
Primary 4

Mathematics

Booklet B

Name: (_____)

Booklet B (40)	
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Class: P 4. _____

Total time for Booklets
A, B and C: 1h.45 min

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ANSWER ALL QUESTIONS.

Section B: (40 marks)

Show your working clearly in the space provided below each question and write your answers in the spaces provided.

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

21. I am a 2-digit number.
I lie between 30 and 50.
I am divisible by both 6 and 7.
What number am I?

Ans: _____

22. In the numeral 57 380, how much more is the value of the digit 5 than the value of the digit 8? Round off your answer to the nearest hundred.

Ans: _____

23. The difference between two numbers is 45.
One of the numbers is three times as many as the other number.
Find the sum of the two numbers.

Ans: _____

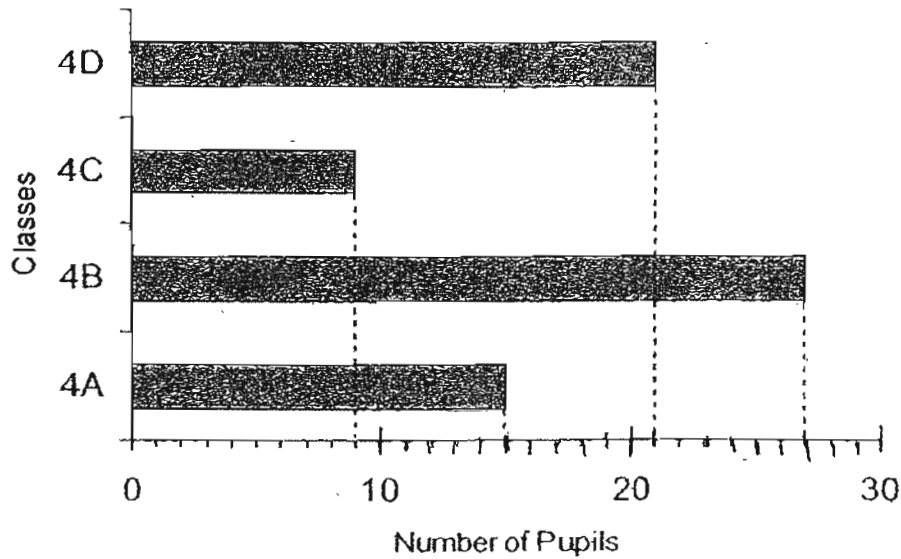
24. What is the missing number in the pattern?

3, 3, 6, 18, _____, 360

Ans: _____

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The graph below shows the number of pupils in Primary 4 who wears spectacles. Study it carefully and answer questions 25 and 26.



25. How many more pupils wear spectacles in 4B than in 4C?

Ans: _____

26. There are 40 pupils in each class. How many pupils in Primary 4A do not wear spectacles?

Ans: _____

27. The line AB has been drawn for you. Draw $\angle CAB$ such that $\angle CAB = 135^\circ$.



28. How many eighths are there in $2\frac{1}{2}$?

Ans: _____ eighths

29. What is the missing number in the box?

$$6\frac{3}{4} = \frac{\square}{12}$$

Ans: _____

30. There are 81 marbles in a bag.
18 marbles are blue, 27 marbles are green while the rest are pink.
What fraction of the marbles is pink?
Express your answer in the simplest form.

Ans: _____

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31. $\frac{3}{4}$ of the 180 pupils in School A are boys.

$\frac{1}{6}$ of the 90 pupils in School B are boys.

How many boys are there altogether in both schools?

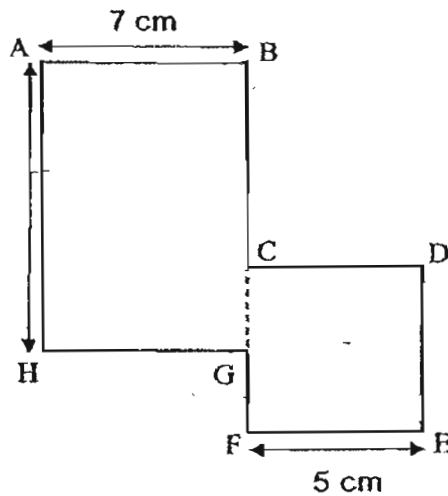
Ans: _____

32. Write down one way in which a square is different from a rectangle.

A square has _____
but a rectangle does not.

33. The figure is not drawn to scale. It is made up of rectangle ABGH and square CDEF, and $CG = GF$.

What is the total length of BC and GF?

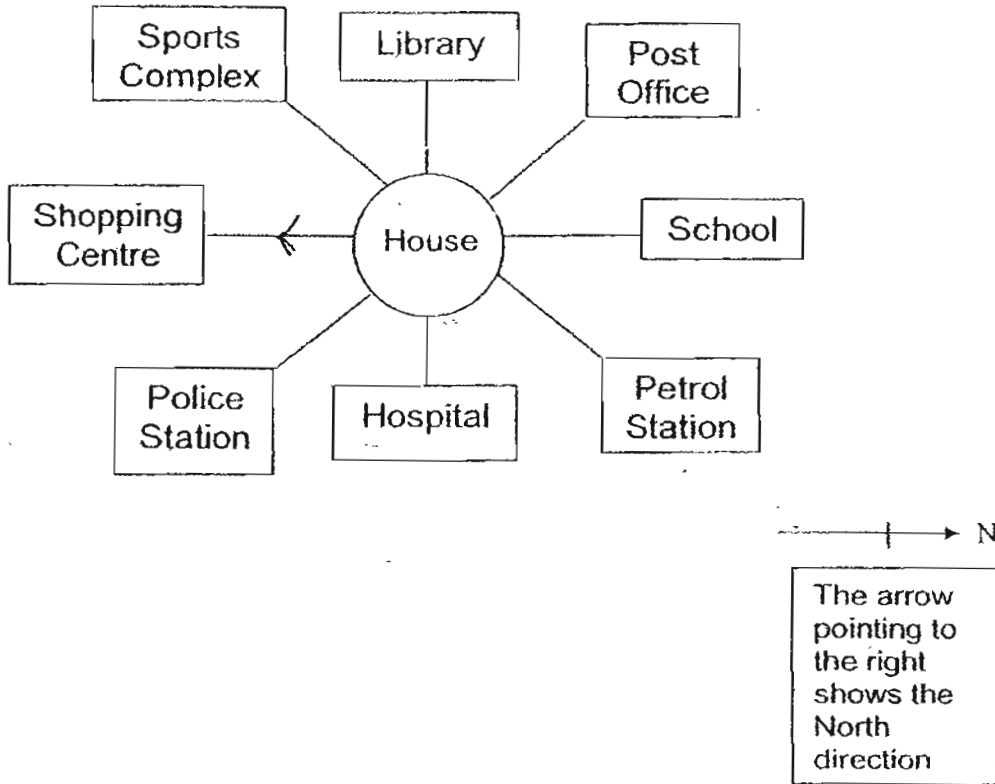


Ans: _____ cm

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34 35

Study the picture below and answer Questions 34 and 35.



34. You are facing the shopping centre. What is the angle you have to turn through in a clockwise direction to face the Post Office?

Ans: _____

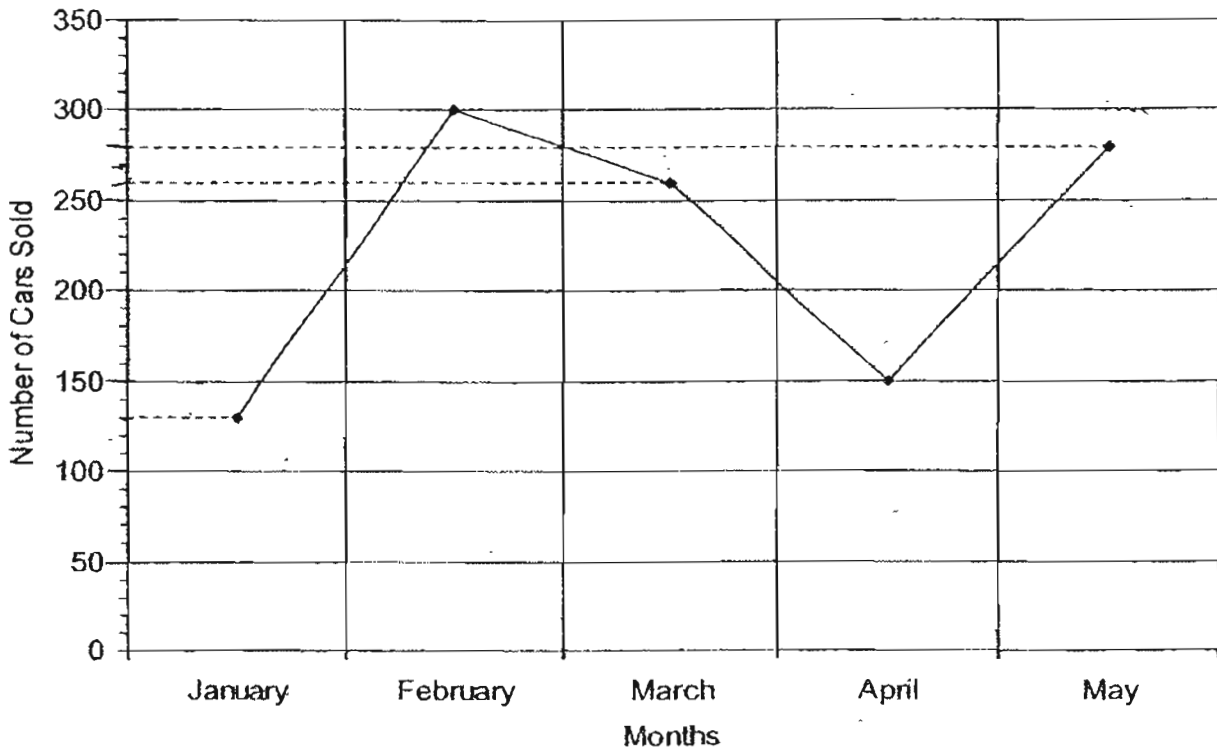
35. What is the direction of the Sports Complex from your house?

Ans: _____

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The graph below shows the number of cars sold by Mr Chong.

Study it and answer questions 36 and 37.



36. Between which two months was there the greatest increase in the number of cars sold?

Ans: _____ and _____

37. Mr Chong earns \$1 500 for every car sold. How much more money did he make in May compared to March?

Ans: \$ _____

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38.

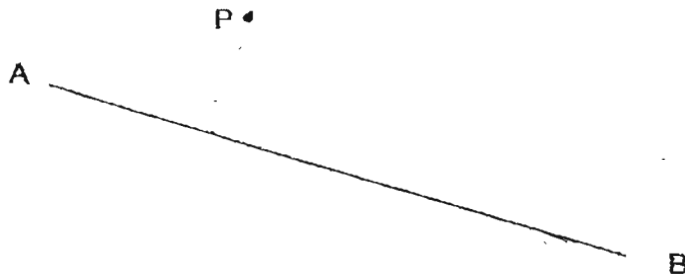
$$\star + \star + \star = 2$$

$$\square + \square + \square + \square = 20$$

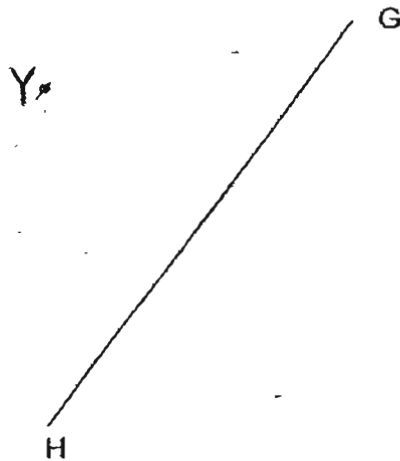
Find the value of $\square + \star$

Ans: _____

39. Draw a perpendicular line, CD; through point P to meet AB.



40. Draw a line, EF, parallel to GH through point Y.



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METHODIST GIRLS' SCHOOL (Primary)
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Primary 4

Mathematics

Booklet C

Name: (_____)

Class: P 4. _____

Total time for Booklets
A, B and C: 1h 45 min

Booklet A (40)	
Booklet B (40)	
Booklet C (20)	
Total: (100)	

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ANSWER ALL QUESTIONS.

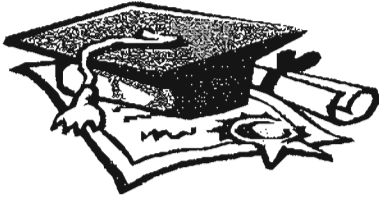
45. There are 155 pencils in bundle A.

There are 63 pencils in bundle B.

How many pencils must be moved from bundle A to bundle B so that bundle B will have 12 more pencils than bundle A?

Ans: _____ [4]

END OF PAPER



ANSWER SHEET

M G S PRIMARY SCHOOL - PRIMARY 4 MATHEMATICS 2007
SEMESTRAL ASSESSMENT (1)

1. 2
2. 3
3. 3
4. 4
5. 2
6. 4
7. 2
8. 2
9. 3
10. 7
11. 2
12. 4
13. 2
14. 1
15. 4
16. 1
17. 7
18. 3
19. 3
20. 1
21. 42
22. 49900
23. 90
24. 72
25. 18 pupils
26. 25 pupils
- 27.

28) 20 eights

29) 31

30) 4/9

31) 150 boys

32) 4 equal sides

33) 12cm

34) 135°

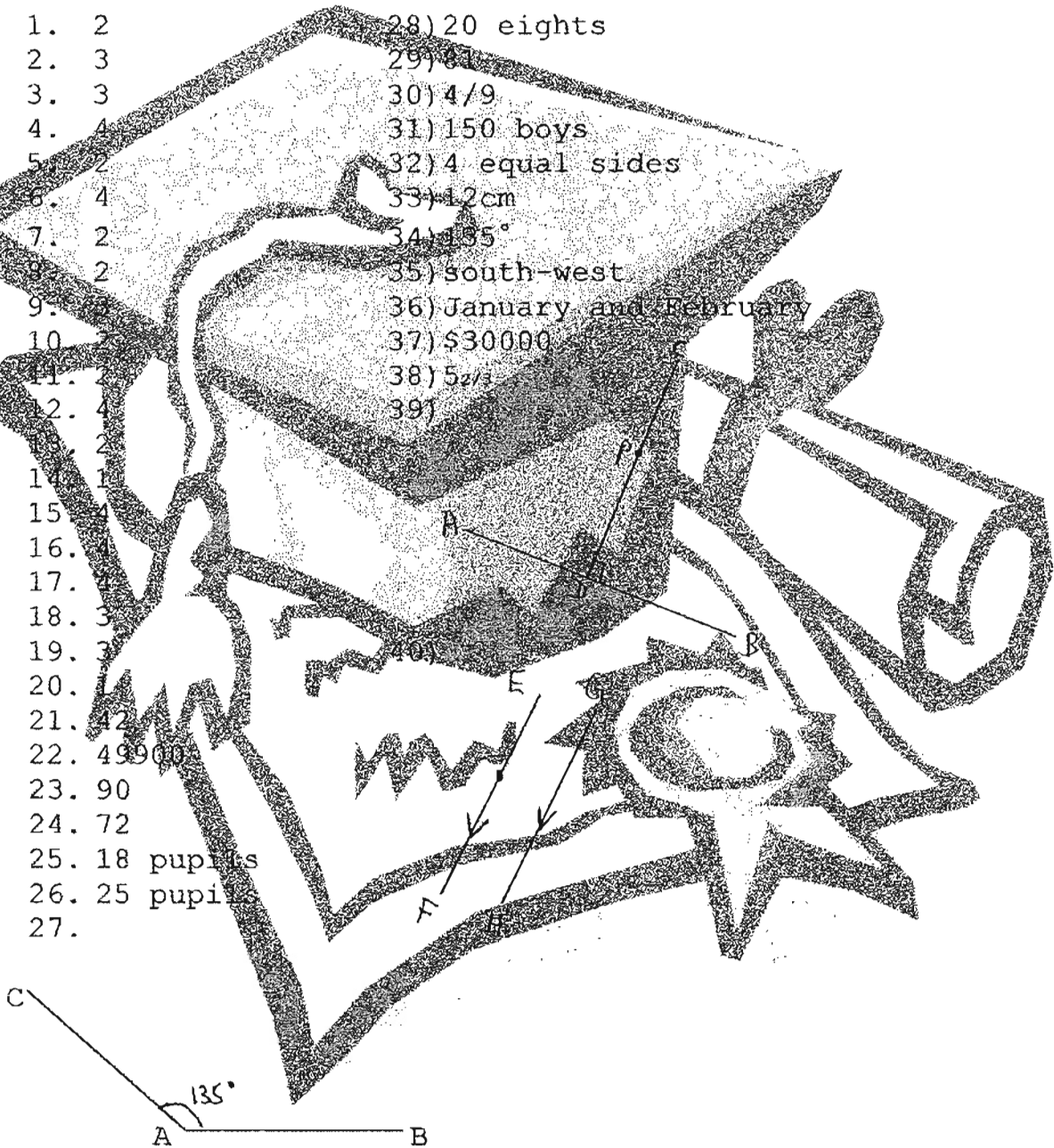
35) south-west

36) January and February

37) \$30000

38) 5 2/3

39)



41) $15 \div 3 = 5$

$5 + 15 = 20$

Aminah had 20 balloons at first

42) $250 - 40 = 210$

$210 \div 14 = 15$

$15 \times 3 = 45$

$15 \times 3 = 45$

A pair of jeans cost \$45

43) $48 \div 3 = 16$

$16 \times 4 = 64$

Shawn's weight is 64kg

44) $28 \div 4 = 7$

$7 \times 9 = 63$

He had 63 marbles at first.

45) $155 + 63 = 218$

$218 \div 2 = 109$

$109 + 6 = 115$

$155 - 115 = 40$

$40 \div 6 = 46$

$46 \times 6 = 52$

52 pencils must be moved.