Primary Four
Mathematics
Semestral Assessment Two

Section A
I. Choose the correct answer for each question and write its number
(1, 2, 3 or 4) in the boxes provided. (20 X 2 Marks)

1. The rectangle below is divided into 5 squares. <u>Each side of the square is 4cm.</u> What is the area of the rectangle?

(1) 40 cm^2 (2) 64 cm^2
(3) 80 cm^2 (4) 96 cm^2

2. A rectangular garden patch measures 9m by 6m. What is the cost of fencing up the entire patch if <u>1m of fence cost $5?</u>

(1) $30   (2) $54
(3) $150   (4) $270

3. Subtract $1\frac{3}{8}$ from 15 and express the answer as an improper fraction.

(1) $\frac{109}{8}$ (2) $\frac{117}{8}$

(3) $13\frac{5}{8}$ (4) $14\frac{5}{8}$

4. Express 10 cm as a fraction of 1 metre in its simplest form.

(1) $\frac{1}{2}$ (2) $\frac{1}{5}$

(3) $\frac{1}{10}$ (4) $\frac{2}{20}$

5.   How many sixths are there in $2\frac{2}{3}$?

(1)   8   (2)   12
(3)   16   (4)   18

6.   Look at the following letters.

T   I   M   E

Which two letters have both parallel and perpendicular lines?

(1)   I and T   (2)   I and E
(3)   T and M   (4)   T and E

7.   The figure is <u>not drawn to scale.</u> Which of the following is the <u>best estimate for angle X ?</u>

X

(1)   28°   (2)   77°
(3)   270°   (4)   330°

8.   Which of the following is <u>not equal to 0.62?</u>

(1) $\frac{21}{50}$ (2) $\frac{31}{50}$

(3) $\frac{62}{100}$ (4)   62 hundredths

9.   In $6\frac{2}{5}$ = 2.5 + [   ] , the missing number in the box is _____?

(1)   0.9   (2)   3.5

(3) $3\frac{9}{100}$ (4) $3\frac{9}{10}$

10. Which of the following has the same value as 21.007?

    (1) 21 ones + $\frac{7}{10}$ (2) 21 ones + $\frac{7}{1000}$

    (3) 21 tens + $\frac{7}{100}$ (4) 21 tens + $\frac{7}{1000}$

11. In _____ - 1198 = 7725, the number in the box is _____.

    (1) 6077   (2) 6527
    (3) 8923   (4) 9643

12. What is the product of 459 and 36?

    (1) 16 524   (2) 17 820
    (3) 20 736   (4) 28 917
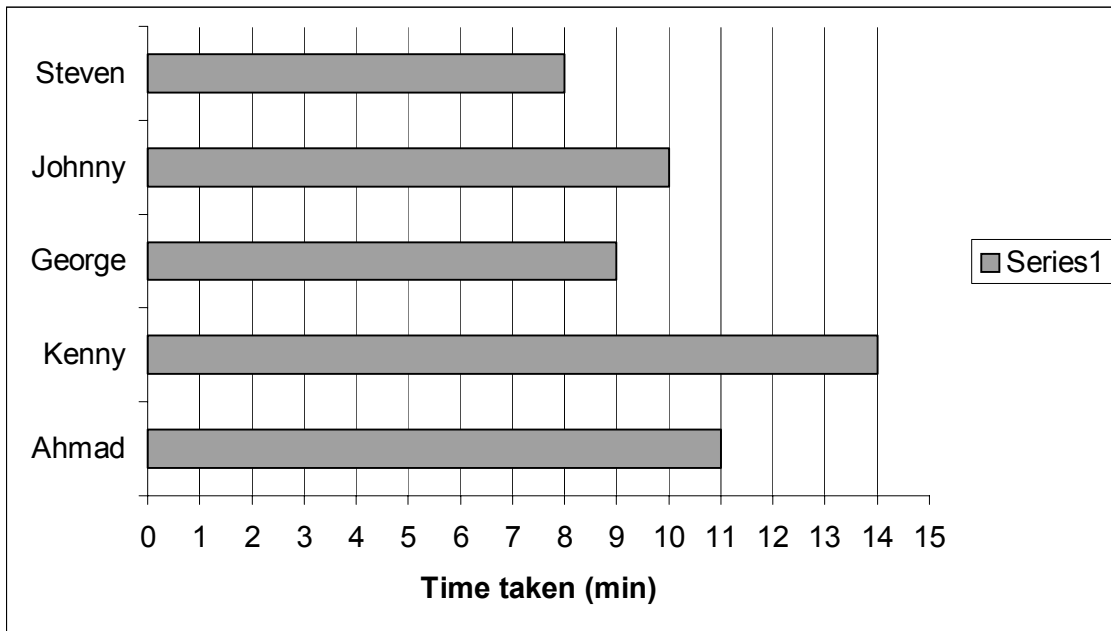
13. What is the sum of the first three multiples of 7?

    (1) 14   (2) 21
    (3) 42   (4) 49

14. What is the quotient when 2159 is divided by 4?

    (1) 382   (2) 539
    (3) 629   (4) 728

15. In the number 89 403, the digit 9 stands for _____.

    (1) 9×1 (2) 9×10
    (3) 9×100 (4) 9×1000

The graph shows the time taken by 5 students to complete the 1.4km run. Use the graph and answer questions 16 and 17.

16. What is the <u>difference between the fastest runner and the slowest runner?</u>

    (1)   2 minutes   (2)   3 minutes
    (3)   4 minutes   (4)   6 minutes

17. What is the total time taken by the 5 boys to complete the 1.4 km run?

    (1)   38 minutes   (2)   41 minutes
    (3)   44 minutes   (4)   52 minutes

18. A packet of milk costs $0.65. If Susie bought 8 packets of milk and had $4 left, how much did she have at first?

    (1) $2.60   (2) $5.20
    (3) $9.20   (4) $10.60

19. Express 50 600 *ml* in litres and millilitres.

    (1)   *5 l 60 ml*   *(2)*   *5 l 600 ml*
    (3)   50 *l* 60 *ml*   (4)   50 *l* 600 *ml*

20. Parcel A weights 522g. Parcel B weights 638g. What is their total weight?

(1) 1 kg 16g
(2) 1 kg 160g
(3) 10 kg 60g
(4) 11 kg 600g

II. For each question, write your answer in the space provided. Give your answer in the unit stated. (20 X 2 Marks)

A   B

D   C
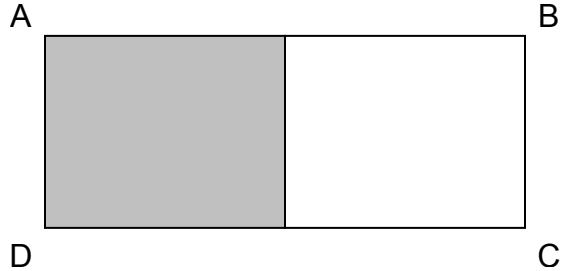
21. The area of the shaded square is $\frac{1}{2}$ the area of rectangle ABCD. The area of the shaded square is 81 cm^2. What is the perimeter of rectangle ABCD?

cm

22. A rectangular notice board 45cm by 30cm is to be covered with square picture cards. The length of each picture card is 3cm. How many picture cards will be needed to cover the whole notice board?

Picture cards

23. $3\dfrac{6}{8} = 1\dfrac{\Box}{4}$

What is the missing number in the box?

24. $\Diamond + \dfrac{1}{4} = \dfrac{7}{8}$

$\Diamond = \dfrac{7}{16} + \bigcirc$

What is $\bigcirc$?

25   Aniken has 5 marbles. Luke gave away $\frac{2}{5}$ of his marbles. He was left
      with 3 times as many marbles as Aniken. How many marbles did Luke
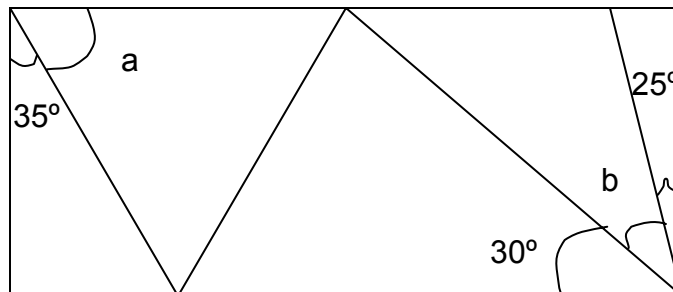   give away?

26.
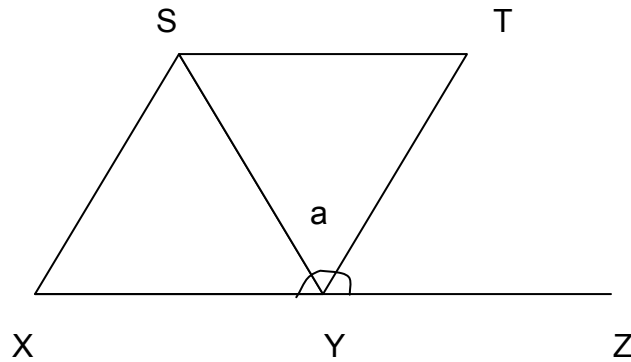
(Figure not drawn to scale)

In the Figure above, XYZ is a straight line. Angle XYT = 100º and Angle
SYZ = 130º. Find Angle a.

27.

In the figure not drawn to scale, QRTS is a rectangle. Find the sum of
Angle a and Angle b.

28. Subtract 2 hundredths from 239 thousandths. Round off your answer to one decimal place.

| |

29. Round off the product of 692 and 34 to the nearest hundred.

| |

30. Samuel bought 11 dozens o lollipops. He then packed them equally into smaller bags of 6 lollipops each. How many plastic bags did he use?

| bags |

31. $63 \times 39 = $ | | $\times 13$. What is the missing number in the box?

| |

32. Add 3454 to the sixth multiple of 7.

| |

33. Julia collected 324 stickers. After giving 9 of her friends an equal number of stickers each, she had 45 stickers left. How many stickers did each of her friends get?

| stickers |

34 The table shows the amount of money Elvis spends in a week. Use the graph to answer questions 34 and 35.
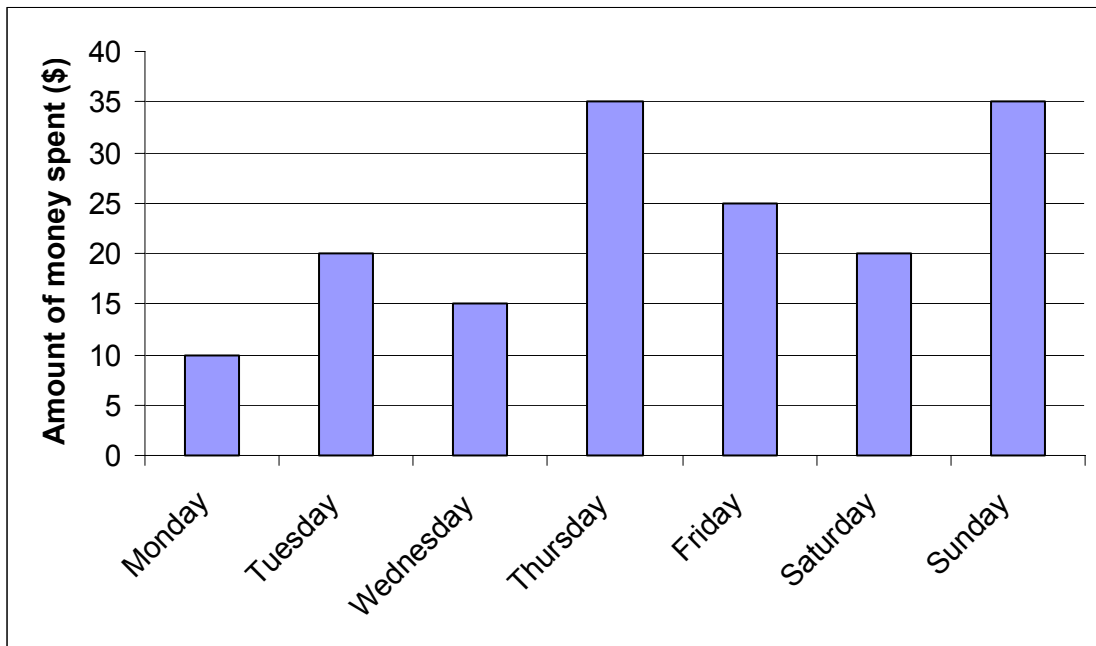
What is the total amount of money Elvis spent from Monday to Wednesday?

$ [   ]

35. How much would Elvis spend altogether on Saturday and Sunday if he spent an extra $21 on Saturday?

$ [   ]

36. Mr. Deng's monthly salary is $2254. He spends $900. If he gives his wife $750 every month and saves the rest, how much will he save in 8 months?

$ [   ]

37. Joseph had $128 left after shopping at an electrical store. He bought a television set for #378 and a refrigerator which costs twice as much. How much did he have at first?

$ [   ]

38. Gina bought 4 kg of flour. Hannah bought 1 kg 300 g less then her. How much flour did the girls buy altogether? Give your answer in kilograms and grams.

| | kg | g |

39. Mrs Gan has 23m of cloth. She used 9m to make 3 skirts and the remainder to make 7 blouses. How much cloth was needed to make 2 skirts and 3 blouses?

| | m |

40. Xiu Ling left for Hui Min's house at 12.30 pm. If she had to travel for 45 mins, what time would she reach Hui Min's house?

| | pm |

Section C (5 × 4 Marks)
III. For each question, show your working clearly in the space below each question and write your answers in the spaces provided.

41.   The area of the playground is 2/5 of the field. If the breath of the field is 4 metres, what is the length of the field?

Playground
(40 m^2)
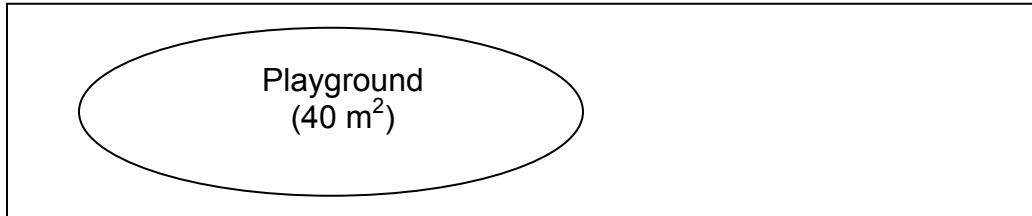
Answer: _____ m

42. Mr Sham had $480 in his wallet. He used $\frac{3}{4}$ of it to buy a briefcase and 0.2 of the remainder on groceries. How much money had he left?

Answer: $_____

43. The distance from Melbourne to Sydney is 475.06 km. Mr Koh drove half of the journey and then stopped to rest. His wife took over and drove another 82 km before Mr Koh took over again. What was the remaining distance that Mr Koh had to drive? Round off your answer to one decimal place.

Answer: _____ km

44. Yusof, Kim Seng and Hogan earn $5293 alltogether. If Hogan earns $935 and Yusof earns thrice as much as him, how much does Kim Seng earn?

Answer: $_____

45. Alex had 60 boxes of pear. There were 23 pears in each box. He sold 234 pears on Monday and 453 pears on Tuesday. He then pack the remaining pears equally into 9 boxes. How many pears were there in each box?

Answer: _____ pears