Primary Three
Mathematics
Semestral Assessment Two

Questions 1 to 5 carry one mark each.
For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write it in the space provided.

1. Which one of the following has the same value as 4 404?

    (1) 4000 + 40
    (2) 4040 + 40
    (3) 4000 + 400
    (4) 4004 + 400

2. Last month, 3 455 adults and 2 002 children visited the zoo. How many visitors are need for the zoo to have a total of 10 000 visitors?

    (1) 7 998
    (2) 6 545
    (3) 5 457
    (4) 4 543

3. Which one of the following numbers gives a quotient of 53 and a remainder of 4 when divided by 8?

    (1) 428
    (2) 424
    (3) 408
    (4) 404

4. A x B = 90

    If A is an **odd** number B is an **even** number bigger than 8, which of the following pairs could be A and B?

    (1) A = 15,   B = 6
    (2) A = 9,   B = 10
    (3) A = 30,   B = 3
    (4) A = 2,   B = 45

5. Mick has $81.80. Mimi has $9.90 more than Mick. How much do both of them have altogether?

   (1) $71.30
   (2) $91.10
   (3) $152.50
   (4) $172.30

6. Vernon wants to buy a book that costs $85. He has only 5 ten dollar notes and 1 five dollar note. How many more ten-dollar notes does he need?

   (1) 9
   (2) 8
   (3) 3
   (4) 4

7. Meiying has 3 times as many stickers as her brother. If Meiying has 600 stickers, how many stickers does her brother have?

   (1) 200
   (2) 400
   (3) 1 800
   (4) 2 400

8. Which of the following is the longest?

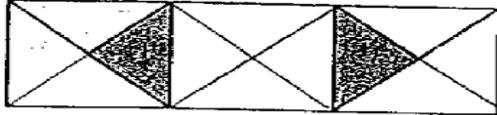   (1) 6 km 550m
   (2) 6 500m
   (3) 6km 50m
   (4) 655m

9. Mr Ramat had a bowling ball in a bag. The total weight of the bowling ball and bag was 5 kg 900g. What was the weight of the bowling ball if the bag weighed 480g?

   (1) 5 570g
   (2) 5 420g
   (3) 5 042g
   (4) 4 610g

10. A bottle can hold 8 times as much water as a cup. If the cup has a capacity of 24 ml, what is the capacity of the bottle?

(1) 192 ml
(2) 32 ml
(3) 3 ml
(4) 16 ml

11.

What fraction of the rectangle is shaded?

(1) 2/3
(2) 1/3
(3) 2/7
(4) 1/6

12. There are _____ in 2 wholes.

(1) 9 thirds
(2) 2 halves
(3) 10 quarters
(4) 10 fifths

13. A train left Village A at 11.50 a.m. and took 7h 15min to reach Village B. What time did it reach Village B?

(1) 4.35 a.m.
(2) 7.05 a.m.
(3) 6.50 p.m.
(4) 7.05 p.m.

14. There are _____ in 65 days.

(1) 2 weeks 5 days
(2) 8 weeks 1 day
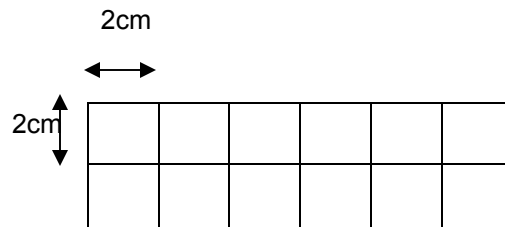(3) 9 weeks 2 days
(4) 13 weeks 0 days

15. Which one of the following letters has angles smaller than a right angle in it?

    (1) **A**
    (2) **H**
    (3) **E**
    (4) **T**

16. At what time given below will the hour hand and minute hand of a clock make a right angle?

    (1) 3.00 o'clock
    (2) 6.30 o'clock
    (3) 8.00 o'clock
    (4) 12.00 o'clock

17. The figure below is made up of squares of the same size. What is its total area?

    2cm

    2cm

    (1) 12 cm^2
    (2) 24 cm^2
    (3) 32 cm^2
    (4) 48 cm^2

18. The perimeter of a field is 428 m. Huimin runs 2 times around the field every day. What distance will she run in 3 days?

    (1) 0 km 856 m
    (2) 1 km 284 m
    (3) 2 km 568 m
    (4) 25 km 68 m

The graph below shows the savings of four children. Study it and answer questions 19 and 20.

Savings of Four Children
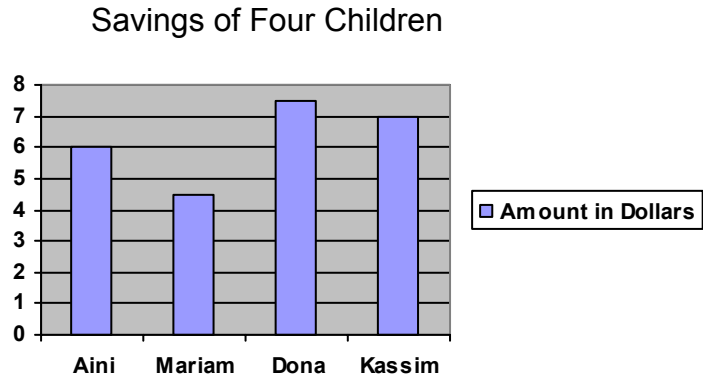
19. How much more money did Kassim save than Mariam?

(1) $1.50
(2) $2.00
(3) $2.50
(4) $3.50

20. How much money did they save altogether?

(1) $25.50
(2) $25.00
(3) $24.50
(4) $24.00

Questions 21 to 40 carry 2 marks each. Write your answers in the space provided.

21.   What is the sum of 10 hundreds, 50 tens and 31 ones?

22.   Study the pattern for each pair of numbers. What is the product of A and B?

$$(7 , 49) , (8 , A) , (9 , 81) , (10 , B)$$

23.

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    7  6  3  8
 -  2  3  8  9
    5  □  4  9
```

What is the missing number in the box?

24.   Mrs Tay baked 2 380 pineapple tarts for a food fair. She sold 1 925 of them? How many pineapple tarts were left unsold?

tarts

25. Each pupil in Sunshine Primnary School is given 2 blue pens, 1 green pen and 2 red pens. If there are 442 pupils in Sunshine Primary School, how many pens are given out in all?

| pens |

26. If 😊 😊 😊 + ☀ = 910 and

😊 + ☀ = 310

Find ☀ ☀ ☀ + 😊 😊 😊 😊

| |

27. A fruit seller bought 18 crates of mangoes. There were 10 mangoes in each crate. He packed them into packets of 7 mangoes each. How many mangoes were left over?

| mangoes |

28.

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          9   6   R   2
      ┌─────────────────
  8   │ 7   7   ☐
```

What is the missing digit in the box?

| |

29. $5\ 100 \div 100 = \boxed{} + 1$

What is the missing number in the box?

$$\boxed{}$$

30. A hawker has this amount of money is his wallet:

$50		$20		$2		$1	$1	$1
				$2		20¢	20¢	
				$2				10¢
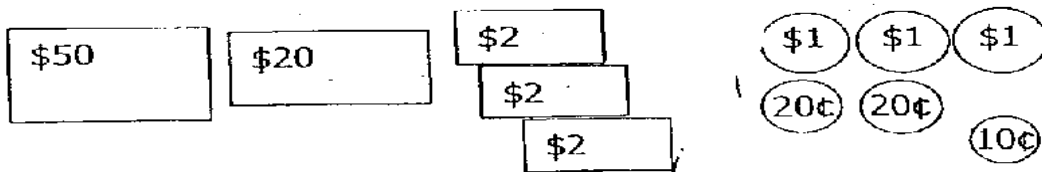
If he wishes to change all his money to 50-cent coins, how many 50-cent coins will he get?

$$\boxed{} \text{coins}$$

31. If Johnny wants to buy a toy dinosaur and two teddy bear toys, how much must he pay?

$$\boxed{}$$

32.

Wai Tong can go to school by Route A or Route B. Route A takes him past the MRT station and the library. By Route B, he passes the food centre. What is the difference in distance between Route A and Route B in km and m?

	km	m

33.

The area of the carpet is 160 m^2.
What is the length of the carpet?

	m

34.

From the figure above, find the weight of the luggage.

	kg	g

35. If all the lemon juice, syrup and ice-water are mixed together to make lemonade, what is the total amount of lemonade made?

l	ml

36.
$$\frac{7}{A} = \frac{14}{8} = \frac{B}{12}$$

Find the value of A and B.

A:

B:

37. How many of the marked angles in the figure below are greater than a right angle?

38. Zhiming is a 9 years and 9 months old. How old will he be in 3 years and 6 months' time?

An ice-cream seller conducted a survey to find out the favourite flavour from 155 customers.
The results of the survey are shown in the table below. Use the following information to answer questions 39 and 40.

Ice Cream Flavour	Number of Customers
Durian	20
Strawberry	?
Chocolate	45
Vanilla	15
Cookies and Cream	25

39. What was the total number of customers who liked durian and vanilla flavoured ice-cream?

40. **Draw** the bar on the graph above that will represent the number of customers who likes strawberry flavoured ice-cream.

Questions 41 to 45 carry 4 marks each. Do these word problems carefully. Show your working in the space provided.

41. A basin has a capacity of 890 ml. Chandra pours 7 basins of water to fill up a pail. How much water is in the pail?

42. There are 269 bottle caps in a container. 135 of them are coke bottle caps, 46 are pepsi bottle caps and the rest are sprite bottle caps. How many sprite bottle caps are there in the container?

43. A movie on a television channel started at 7.30 p.m. and ended at 10.00 p.m. It has a 10 minutes commercial break for every half an hour of the show. How long was the show without the commercial break?

44. The figure is made up of 5 similar squares.
The total area of figure is 180 cm^2.

    a)   Find the area of each small square.

    b)   Find the perimeter of the figure.
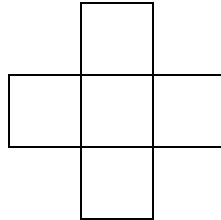
45. Rajah and Samat had the same amount of money. After Rajah spent $25 and Samat spent $42, Rajah and two timews as much money left as Samat. How much money did they have altogether at first?