

Questions 1 to 20 carry 2 marks 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 (1, 2, 3 or 4) on the Optical Answer Sheet.

(40 marks)

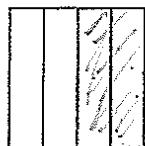
1 77 thousands and 3 tens is the same as _____.

- (1) 773
- (2) 7730
- (3) 77 003
- (4) 77 030

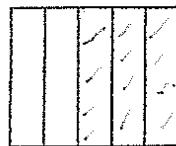
2 Which of the following is **not** a factor of 56?

- (1) 8
- (2) 7
- (3) 6
- (4) 4

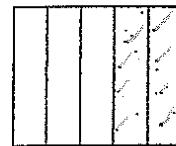
3 Which of the following shows $\frac{2}{5}$ of the figure shaded?



(1)



(2)



(3)



(4)

4 Which of the following fractions is in its simplest form?

(1) $\frac{4}{9}$

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

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

(4) $\frac{6}{10}$

5 Round 84.56 to the nearest whole number.

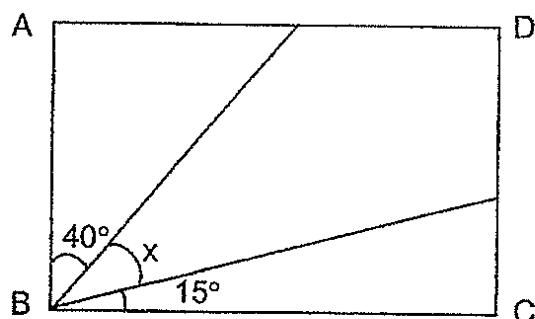
(1) 80

(2) 84

(3) 85

(4) 86

6 ABCD is a rectangle. Find $\angle x$.



(1) 25°

(2) 35°

(3) 45°

(4) 55°

7 Which of the following is the eighth multiple of 6?

- (1) 42
- (2) 48
- (3) 49
- (4) 54

8 Arrange these distances from the longest to the shortest.

$$1340 \text{ m} , 1 \text{ km } 304 \text{ m} , 1 \frac{3}{4} \text{ km}$$

Longest

Shortest

(1) $1 \text{ km } 304 \text{ m}$ $1 \frac{3}{4} \text{ km}$ 1340 m

(2) $1 \text{ km } 304 \text{ m}$ 1340 m $1 \frac{3}{4} \text{ km}$

(3) 1340 m $1 \text{ km } 304 \text{ m}$ $1 \frac{3}{4} \text{ km}$

(4) $1 \frac{3}{4} \text{ km}$ 1340 m $1 \text{ km } 304 \text{ m}$

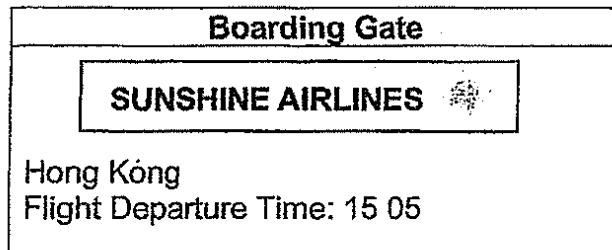
- 9 The following table shows the number of Pokémon cards five boys have.

Name	Number of Pokémon Cards
Ali	84
Brian	48
Cheng	112
Dinesh	56
Ethan	102

Which two boys have a total of 150 Pokémon cards?

- (1) Ali and Dinesh
 - (2) Brian and Ethan
 - (3) Brian and Cheng
 - (4) Dinesh and Ethan
- 10 A baker bought 5.44 kg of flour. He repacked it equally into 8 packets.
How much flour was there in each packet?
- (1) 0.68 kg
 - (2) 6.8 kg
 - (3) 13.44 kg
 - (4) 43.52 kg
- 11 Ken started painting his bedroom at 9 a.m. He stopped for lunch at 12 p.m. and continued painting at 1.30 p.m. He finished painting his room at 4.30 p.m.
How long did he take to paint his room?
- (1) 5 h 30 min
 - (2) 6 h
 - (3) 3 h
 - (4) 7 h 30 min

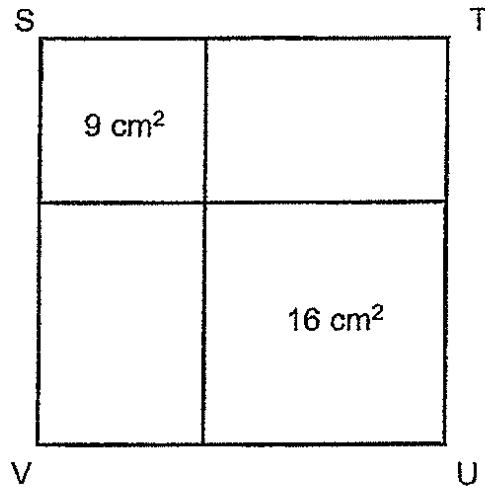
- 12 The figure shows the flight departure details to Hong Kong.



Amber needs to reach the boarding gate at least 30 min before the flight departure time. She takes 20 min to walk to the boarding gate. What is the latest time she should start walking to the boarding gate?

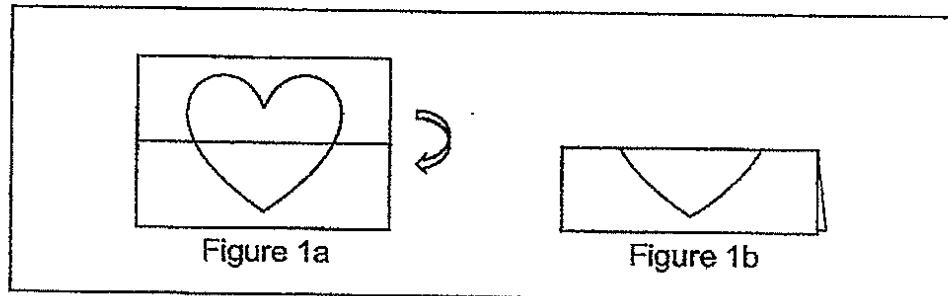
- (1) 14 15
- (2) 14 55
- (3) 15 25
- (4) 15 55

- 13 The figure STUV is formed by two different squares and two identical rectangles. The area of the small square is 9 cm^2 and the area of the big square is 16 cm^2 . What is the length of ST?

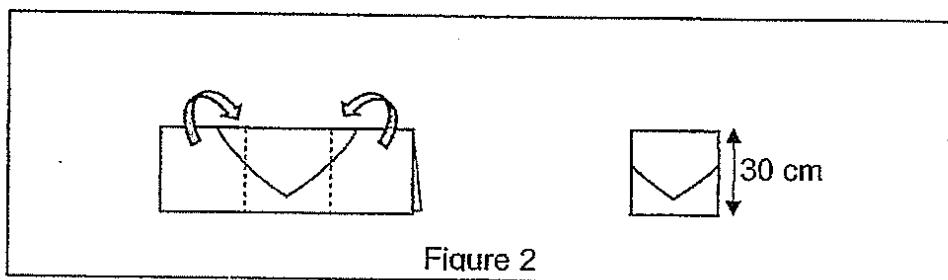


- (1) 5 cm
- (2) 7 cm
- (3) 3 cm
- (4) 4 cm

- 14 Winnie folded a rectangular bath towel into half as shown in Figure 1.



She then folded it twice to form a square in Figure 2.

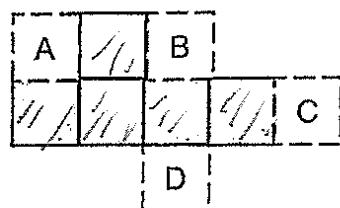


The length of the folded towel at the end is 30 cm.

What is the length and breadth of the rectangular bath towel in Figure 1a?

	<u>Length</u>	<u>Breadth</u>
(1)	10 cm	15 cm
(2)	60 cm	30 cm
(3)	90 cm	30 cm
(4)	90 cm	60 cm

- 15 Which of the following squares (A, B, C or D) when added to the shaded figure completes the net of a cube?



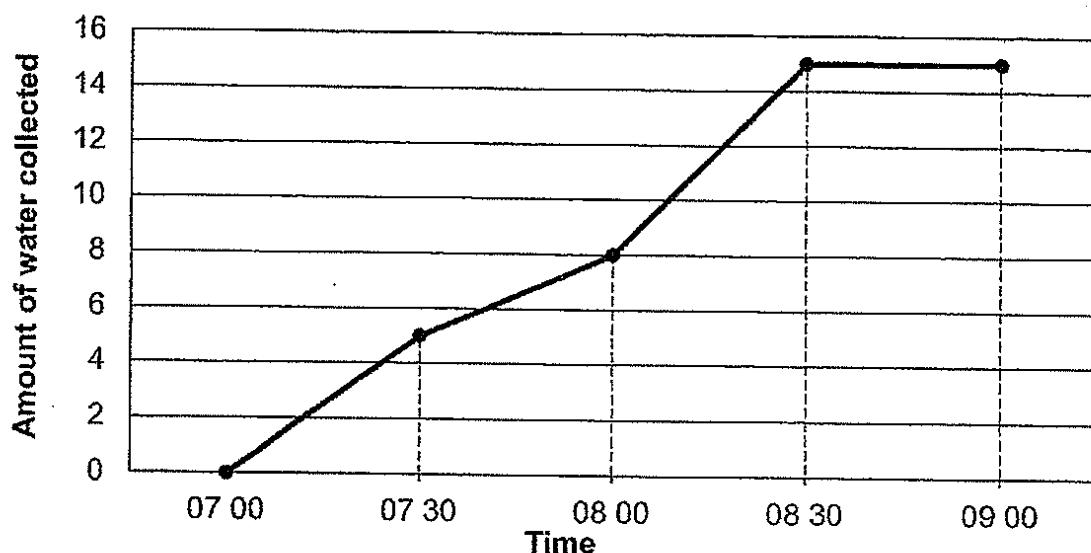
- (1) A
(2) B
(3) C
(4) D
- 16 The table below shows the number of children and adults who visited the library on a weekday. Part of the table is covered by an ink blot.

	Children	Adults	Total
Male	119	*	246
Female	123	230	353

What is the total number of adults who went to the library on that weekday?

- (1) 107
(2) 127
(3) 357
(4) 599

- 17 The line graph below shows the amount of water collected over a period of 2 hours.



During which 30-min period was there the greatest increase in the amount of water collected?

- (1) 07 00 to 07 30
- (2) 07 30 to 08 00
- (3) 08 00 to 08 30
- (4) 08 30 to 09 00

- 18 The first 18 letters of a pattern are given below.

C, A, B, C, D, E, C, A, B, C, D, E, C, A, B, C, D, E, ...?

1st

50th

What is the letter in the 50th position?

- (1) A
- (2) B
- (3) C
- (4) D

- 19 Tyra paid \$9.60 for 4 similar rulers and 4 similar files. Each file cost \$0.70 more than each ruler. How much did each ruler cost?

- (1) \$0.85
- (2) \$1.20
- (3) \$1.55
- (4) \$2.40

- 20 A player has to play a total of four games in Round 1 of a competition. The scores for Malik's first three games are shown below.

ROUND 1	
Game	Score
1 st	9.3
2 nd	10.1
3 rd	9.5
4 th	?

Malik will qualify for Round 2 if the total score for three out of the four games is 30 or more. What is the lowest score Malik must get in the 4th game to qualify for Round 2?

- (1) 1.1
- (2) 10.4
- (3) 11.2
- (4) 18.8