

Questions **1** to **10** carry 1 mark each. Questions **11** to **20** carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice and shade your answer (1, 2, 3 or 4) in the Optical Answer Sheet. The use of a calculator is NOT allowed in this paper (30 marks)

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1. In 9 302 870, which digit is in the hundreds place?
  - (1) 7
  - (2) 2
  - (3) 3
  - (4) 8
  
2. Which one of the following numbers when rounded off to the nearest hundred is 8000?
  - (1) 7649
  - (2) 7952
  - (3) 8091
  - (4) 8535
  
3. Express 4 out of 10 as a fraction in its simplest form.
  - (1)  $\frac{8}{20}$
  - (2)  $\frac{1}{20}$
  - (3)  $\frac{2}{5}$
  - (4)  $\frac{1}{2}$
  
4. Which one of the following is the same as 6 one ones and 4 thousandths?
  - (1) 6.4
  - (2) 0.604
  - (3) 4006
  - (4) 6.00450

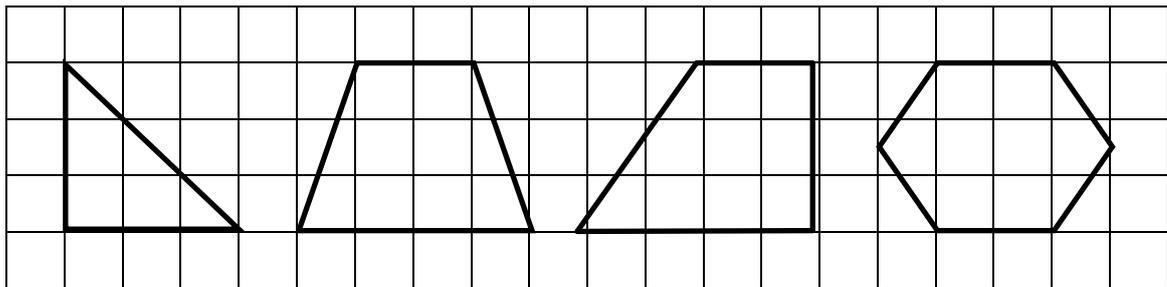
5. Which one of the following is likely to be the total mass of 10 twenty-cent coins?

- (1) 5 g
- (2) 50 g
- (3) 500 g
- (4) 5000 g

6. Tom started his revision at 11.30 a.m.  
He revised for 1 h 45 min. What time did he finish his revision?

- (1) 9.45 a.m.
- (2) 9.45 p.m.
- (3) 1.15 a.m.
- (4) 1.15 p.m.

7. Which one of the following figures has both parallel lines and perpendicular lines?



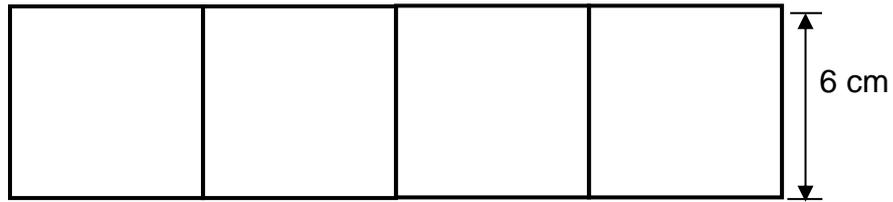
(1)

(2)

(3)

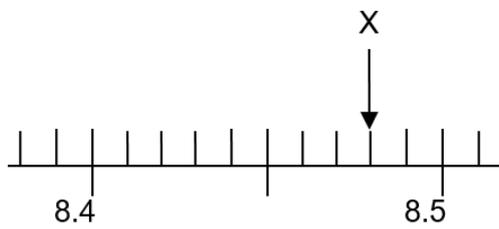
(4)

8. The figure below is made up of 4 identical squares. Each side of the square is 6cm. Find the perimeter of the figure.



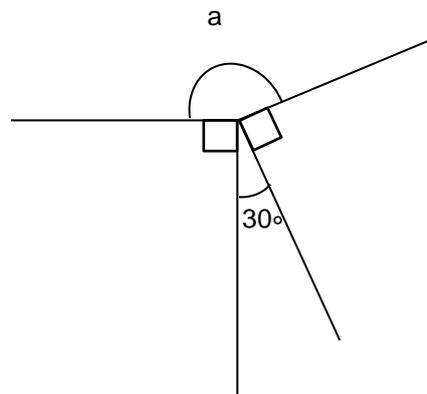
- (1) 36 cm  
(2) 60 cm  
(3) 78 cm  
(4) 144 cm
9. In the number line below, what is the value of X?

- (1) 8.453  
(2) 8.48  
(3) 8.408  
(4) 8.458



10. The figure below is not drawn to scale. Find  $\angle a$ .

- (1)  $120^\circ$   
(2)  $150^\circ$   
(3)  $180^\circ$   
(4)  $210^\circ$



11. Danny had \$48. He spent  $\frac{3}{8}$  of the money on transport. How much did he spend on transport?
- (1) \$6
  - (2) \$16
  - (3) \$18
  - (4) \$30
12. Jayden can type 560 words in 8 minutes. How many words can he type in 3 minutes?
- (1) 70
  - (2) 184
  - (3) 210
  - (4) 280
13. The average cost of 8 balls is \$15. The average cost of 4 pairs of socks is \$10. What is the total cost of all the balls and socks?
- (1) \$40
  - (2) \$80
  - (3) \$120
  - (4) \$160

14. What is the missing number in the number pattern below?

1, 4, 9, \_\_\_\_\_, 25

- (1) 12
- (2) 14
- (3) 15
- (4) 16

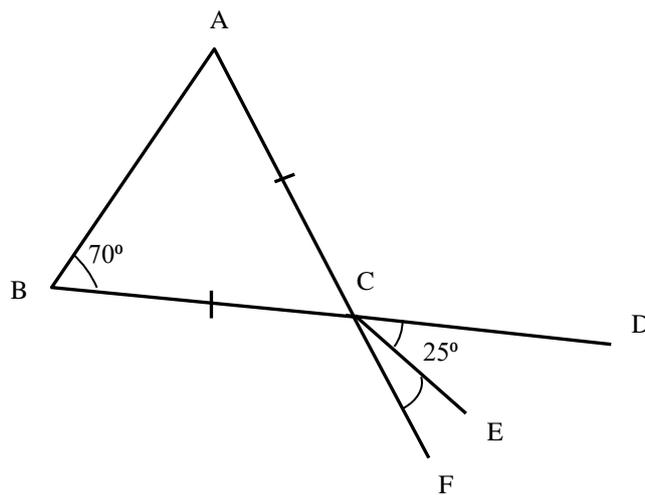
15. Mary bought 3 kg of rice at \$9.90 per kg. He gave the cashier \$50. How much change would she receive?

- (1) \$20.30
- (2) \$29.70
- (3) \$40.10
- (4) \$46.70

16. Last year, Alex's mass was 70 kg. This year, his mass decreased by 10%.  
What is his mass this year?

- (1) 60 kg
- (2) 63 kg
- (3) 77 kg
- (4) 80 kg

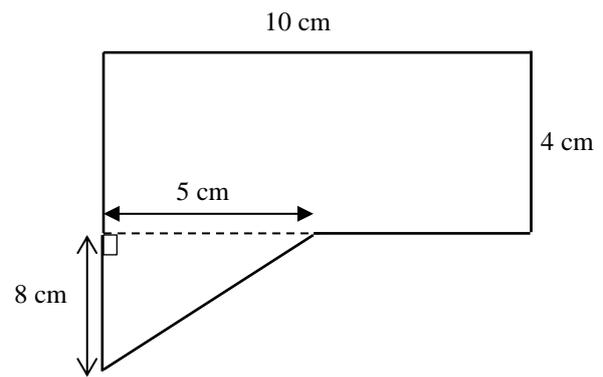
17. In the figure below, not drawn to scale, ABC is an isosceles triangle.  
ACF and BCD are straight lines. Find  $\angle ECF$ .



- (1)  $15^\circ$
- (2)  $40^\circ$
- (3)  $70^\circ$
- (4)  $155^\circ$

18. The figure below, not drawn to scale, is made up of a rectangle and a triangle. Find the area of the figure.

- (1)  $20 \text{ cm}^2$
- (2)  $40 \text{ cm}^2$
- (3)  $60 \text{ cm}^2$
- (4)  $80 \text{ cm}^2$



19. Which one of the following less than  $\frac{1}{2}$ ?

- (1)  $1\frac{1}{6}$
- (2)  $\frac{4}{10}$
- (3)  $\frac{1}{7}\frac{3}{6}$
- (4)  $\frac{7}{8}$

20. The table below shows the prices of some items in a sports shop.

Item	Price (\$)
Jersey	81
Football Boots	?
Basketball	45
Total	231

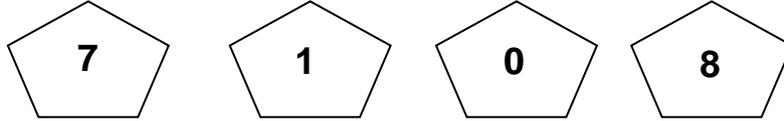
What is the cost of the Football Boots?

- (1) \$36
- (2) \$105
- (3) \$126
- (4) \$357

Questions **21** to **30** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions that require units, give your answers in the units stated. (20 marks)

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21. Arrange the following digits to form the greatest 4-digit odd number.



Ans : \_\_\_\_\_

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22. The perimeter of a rectangle is 34 cm.  
Find the breadth of the rectangle if its length is 12 cm.

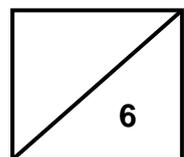
Ans : \_\_\_\_\_ cm

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23. 5 identical balls have a mass of 6.25 kg. What is the mass of each ball?  
Round your answer to 1 decimal place.

Ans : \_\_\_\_\_ kg

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24. Find value of

$$30 \div 3 + 7 \times (4 - 1)$$

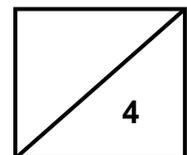
Ans : \_\_\_\_\_

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25. Eva recorded the distance she swam each day. On each day, she swam twice the distance she swam the previous day. She swam 200 m on Day 1. On Day 2, she swam 400 m. She swam 800 m on Day 3.

Based on the information, put a tick in the correct box.

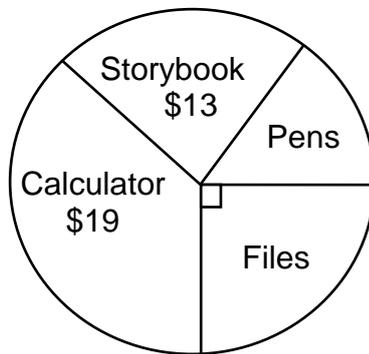
	True	False	Impossible to tell
a) Eva swam 2600m on Day 4.			
b) Eva swam a total distance of 1400 m for the first 3 days.			



26. Hannah left home at 8.45 a.m. and took 1h to reach her office. When she reached the office, the clock showed 9.35 a.m. a.m. She realized that the clock was running slower. How much slower was the clock ??

Ans : \_\_\_\_\_ min

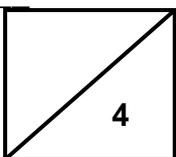
27. The pie chart shows how Yahya spent \$48 at a stationery shop.



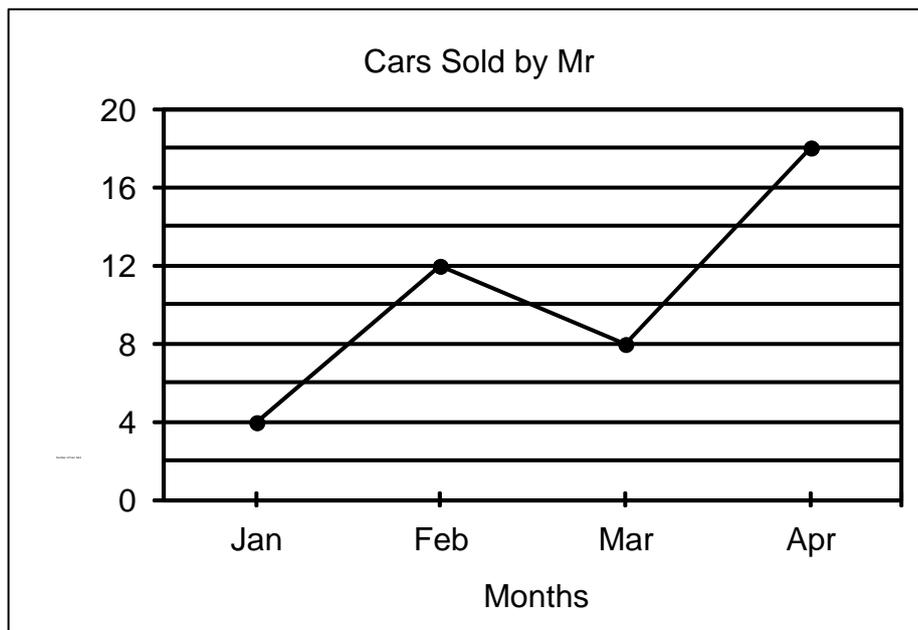
- (a) How much did he pay for the files?  
 (b) What fraction of his money was spent on the pens?  
 (Leave your answer in its simplest form)

Ans : (a) \$ \_\_\_\_\_

(b) \_\_\_\_\_

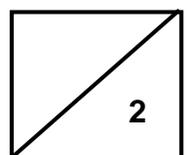


28. The line graph below shows the number of cars Mr Ali sold over 4 months.



Which month has  $\frac{3}{7}$  the total number of cars sold?

Ans : \_\_\_\_\_



29. Bridge A is 3.5 km long and Bridge B is 635 m long.

a) How long is Bridge A in metres?

b) What is the difference in length between the two bridges? Give your answer in kilometres.

Ans : a) \_\_\_\_\_ m

b) \_\_\_\_\_ km

30. The average cost of 4 T-shirts and a pair of shorts cost \$12. The pair of the shorts cost \$16. Find the cost of each T-shirt.

Ans : \_\_\_\_\_

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END OF PAPER 1

