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.

(30 marks)

1. In 541 378, which digit is in the ten thousands place?

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

2. Round off 3566 to the nearest hundred.

    (1)   3400
    (2)   3500
    (3)   3600
    (4)   4000

3. Express $8\frac{2}{5}$ as a decimal.

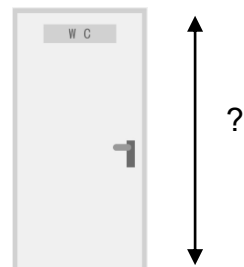   (1)   8.1
    (2)   8.25
    (3)   8.4
    (4)   8.52

4. Which of the following fractions is the smallest?

154	172		208	226	244

   (1)   174

   (2)   178

   (3)   190

   (4)   196

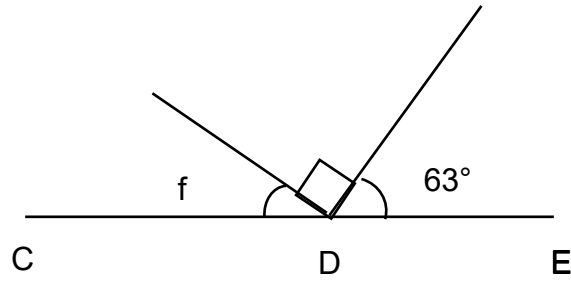5. Which of the following could be the height of a bathroom door?

   (1)   2.5 cm
   (2)   25 cm
   (3)   2.5 m
   (4)   25 m

6. Tony had 60 storybooks. He gave some storybooks to his friend, Mary. His collection of storybooks decreased by 10%. How many storybooks did Tony have in the end?
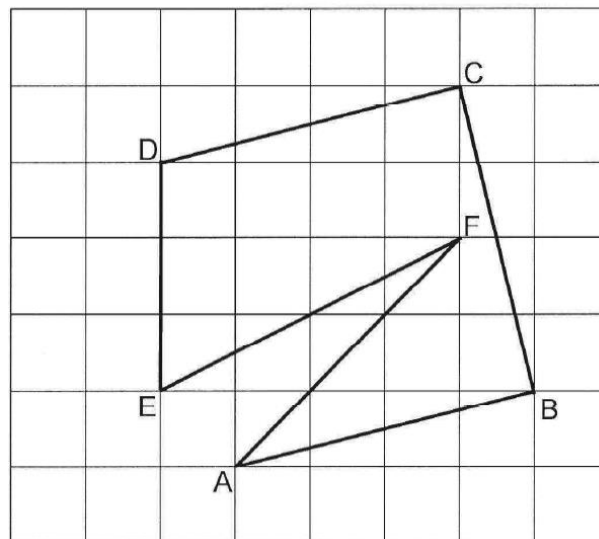
   (1)   6
   (2)   50
   (3)   54
   (4)   66

7.   Round off 48.97 to the nearest tenth.

(1)   27°
(2)   37°
(3)   63°
(4)   117°

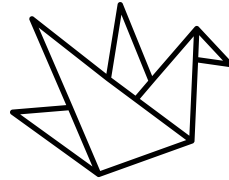8.   In the square grid below, which line is parallel to the line AB?

(1)   AF
(2)   BC
(3)   DC
(4)   EF

9. Express $\dfrac{1}{5}$ as a percentage.

(1) 10%
(2) 15%
(3) 20%
(4) 25%
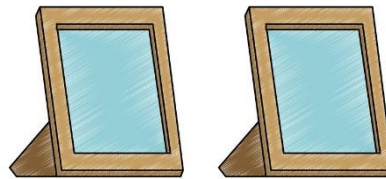
10. Sandy can fold 6 paper cranes in a minute. At this rate, how long will he take to fold 84 paper cranes?

(1) 14 min
(2) 78 min
(3) 90 min
(4) 504 min
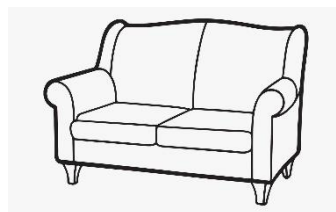
11. The total mass of 8 photo frames is 14.64 kg. What is the mass of 2 such photo frames?

(1) 7.32 kg
(2) 3.66 kg
(3) 2.44 kg
(4) 1.83 kg

12. The price of a sofa is $1100. Mr Tan buys it at the Great Singapore Sale at a discount of 20%. How much does he pay for the sofa after the discount?

(1) $220
(2) $880
(3) $1080
(4) $1320

Use the pie chart shown to answer questions 13 and 14.
The pie chart below shows the amount of money spent by Mdm Lycia during her vacation.

13.   What was the most expensive item that Mdm Lycia spent on?

       (1)   Dress
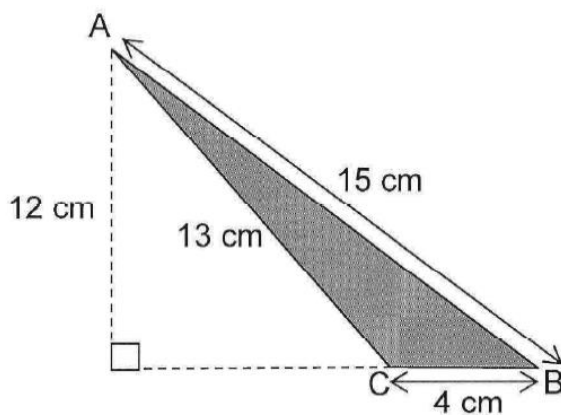   (2)   Shoes
       (3)   T-shirt
       (4)   Wallet

14.   How much did Mdm Lycia spend altogether?

       (1) $40
       (2) $160
       (3) $200
       (4) $1000

15. Brenda has 60 lollipops. Charlie has twice as many lollipops as Brenda. How many lollipops do they have altogether?

(1) 62
(2) 90
(3) 120
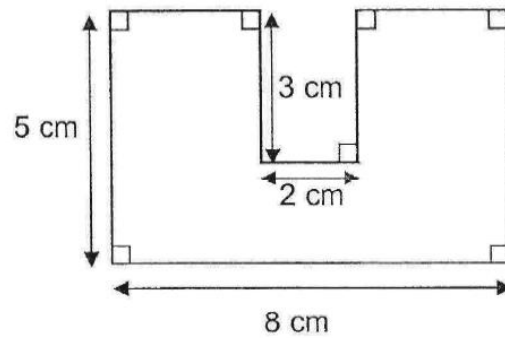(4) 180

16. Find the area of the triangle ABC shown below.

(1) 24 cm²
(2) 26 cm²
(3) 30 cm²
(4) 90 cm²

17. Arrange these lengths from the longest to the shortest.

0.62 km, 602 m, 6200 m

(1) 0.62 km, 6200 m, 602 m
(2) 0.62 km, 602 m, 6200 m
(3) 6200 m, 602 m, 0.62 km
(4) 6200 m, 0.62 km, 602 m

18. Find the perimeter of the figure below.

    (1)   24 cm
    (2)   26 cm
    (3)   32 cm
    (4)   34 cm

19. The total mass of three bags of sugar is 4 kg. The first bag has a mass of $\frac{7}{8}$ kg. The second bag is $\frac{2}{5}$ kg heavier than the first bag. Find the mass of the third bag.

    (1) $1\frac{11}{40}$ kg

    (2) $1\frac{17}{40}$ kg

    (3) $2\frac{3}{20}$ kg

    (4) $2\frac{29}{40}$ kg

20. Oscar did 5 push-ups on the first day of his training. Each day, he did 4 more push-ups than the day before. On the last day of his training, he did 25 push-ups. How many days was his training altogether?

    (1)   9
    (2)   6
    (3)   3
    (4)   5

Questions **21** to **30** carry 2 mark 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)

21. Find the value of
    (a)   506 – 48
    (b)   112 ÷ 7
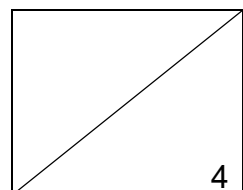
Ans: (a) _____

Ans: (b) _____

22. (a) Write ten thousand and eleven in numerals.
    (b) Find the value of 96 ÷ 6.

Ans: (a) _____

Ans: (b) _____

23.   Jill takes a loan of $4000 from a bank. The annual interest is 10%. How much interest does Jill have to pay to the bank after one year?
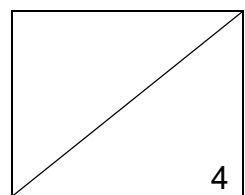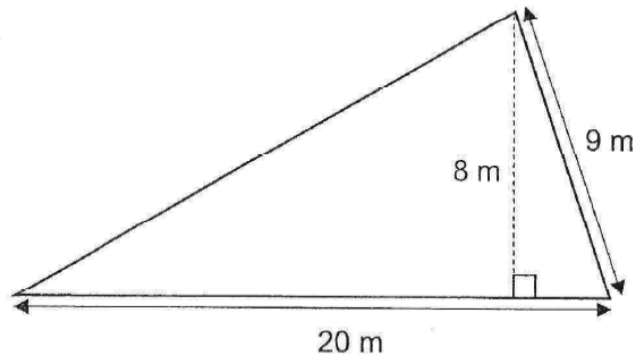
Ans: _____

24.   Express $\dfrac{51}{4}$ as a mixed number in its simplest form.

Ans: _____

4

25. Find the area of the triangle below.
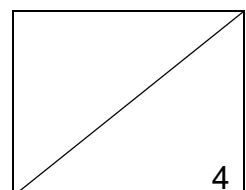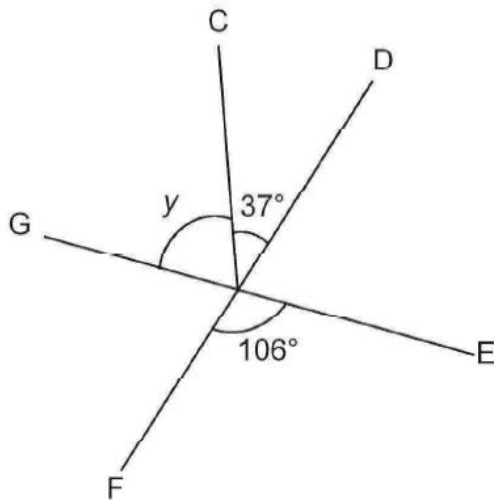

Ans: _____ m²

---

26. What is the missing number in the box below?

$$26.07 = 20 + 6 + \dfrac{7}{\boxed{?}}$$
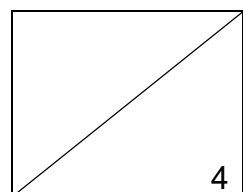
Ans: _____

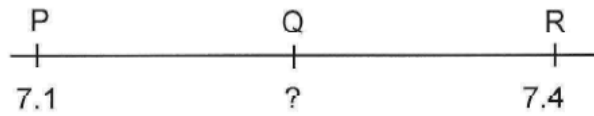27. DF and GE are straight lines. Find ∠y.

Ans: _____ °

---

28. Mandy had $\frac{3}{8}$ m of ribbon. She bought another $\frac{1}{2}$ m of ribbon. She gave $\frac{3}{4}$ m of the ribbon to her cousin. How much ribbon had Mandy left?

Ans: _____ m

4

11

29. Study the number line shown below carefully. PQ = QR.
    What is the value of Q. Express your answer in decimal.

```
   P           Q           R
   +-----------+-----------+-
  7.1          ?          7.4
```

Ans: _____

---

30. Daniel sold food at a stall for two days. He collected $61 on the first day. He collected $23 more on the first day than on the second day. How much money did he collect on the two days?

Ans: $ _____