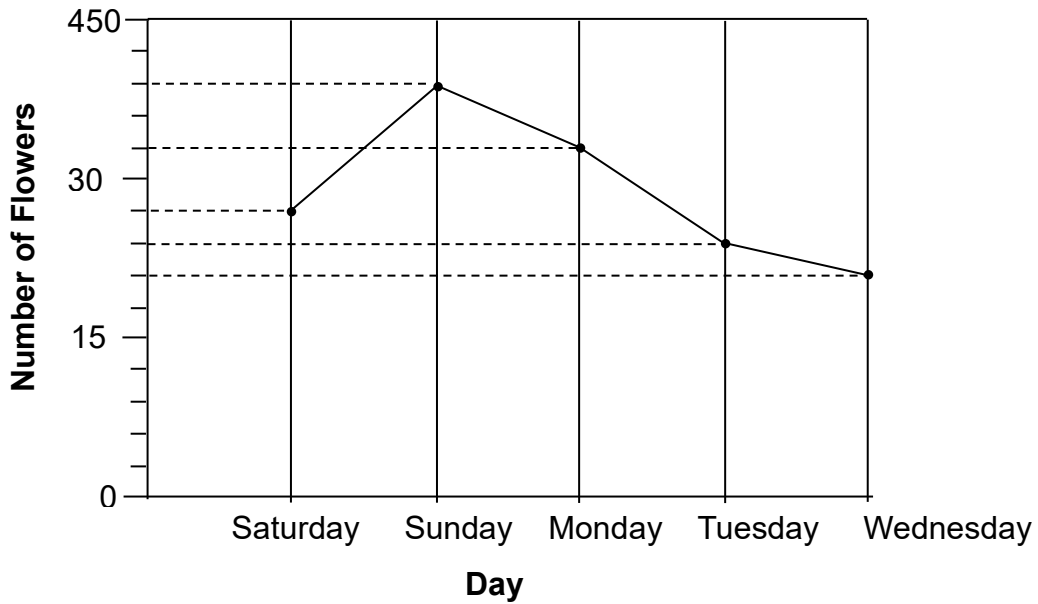# MATH

P5 Math
EOY Revision

P6 MATH

Section A – MCQ

Use the information below to answer questions 1 and 2.

The line graph shows the number of flowers sold by a florist over five days.

1) Which day did the shop sell the greatest number of flowers?

    (1)   Saturday
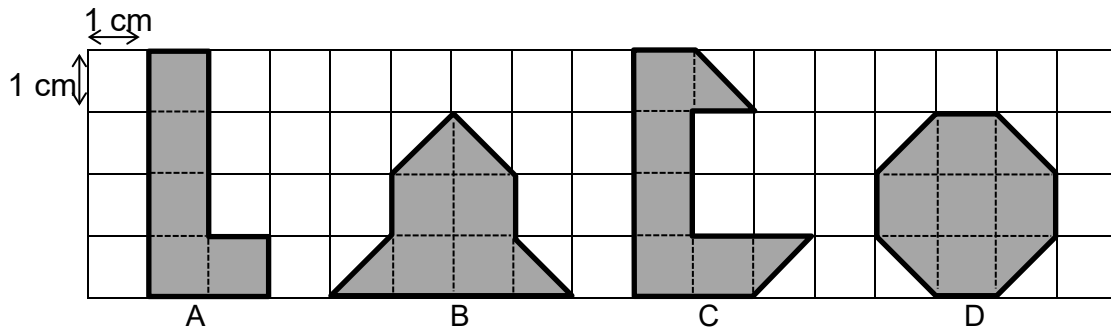
    (2)   Sunday

    (3)   Monday

    (4)   Tuesday

(   )

2) How many flowers did the florist sell on Wednesday?

    (1)   170

    (2)   190

    (3)   210

    (4)   250

(   )

3) Which two shapes shown in the grid have the same area?

(1)   A and B

(2)   A and D

(3)   B and C

(4)   C and D

(   )

4) The table below shows the marks scored by 4 pupils in a quiz.

Pupils	A	B	C	D
Number of marks	11	9	12	8

Find the average score.

(1)   9

(2)   10

(3)   11

(4)   12

(   )

5) There are 9 red beads, 6 purple beads and 15 blue beads in a box.
What is the ratio of the number of purple beads to the sum of the red and blue beads?

(1)   1 : 4

(2)   1 : 5

(3)   2 : 3

(4)   2 : 5

(   )

6) A pattern is formed using the digits 1, 2, 3, and 4.

The first 13 digits are shown.

3 2 4 1 3 2 4 1 3 2 4 1 3..........

↑

1st digit

↑

13th digit

What is the 113th digit?

(1)   1
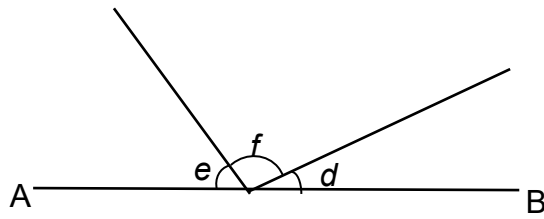
(2)   2

(3)   3

(4)   4

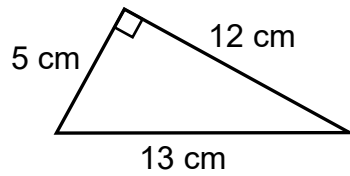(   )

7)   In the figure, AB is a straight line. $\angle d = 28°$. $\angle e$ is twice the size of $\angle d$. Find $\angle f$.

(1)   56°

(2)   84°

(3)   96°

(4)   124°

(   )

Section B – Short Answer Questions

8)   The figure shows a right-angled triangle.
      Find the area of the triangle.

12 cm

5 cm

13 cm

Ans : _____ cm²

---

9)   Water leaks from a tap at a rate of 5 ml per second.
      At this rate, how much water will leak from the tap in 3 minutes?

Ans : _____ ml

---

10)   Kaitlyn had 1.03 kg of flour at first. She used 520 g of it.
      How many kilograms of flour was left?

Ans : _____ kg

A shopkeeper had 680 pouches for sale. He sold 45% of them last week.

11)   How many pouches did he sell last week?

Ans : _____

12)   5 workers took 4 days to paint a house. How many days would it take for only 2 workers to paint the same house?

Ans : _____

13)   The ratio of the perimeters of two squares is 1 : 5. The perimeter of the smaller square is 8 cm. What is the length of one side of the larger square?

Ans : _____ cm

Section C – Problem Sums

14) A store had a sale as shown below.

> **Sale**
>
> Buy the first item at 30% discount.
>
> Buy the second item at 50% discount.

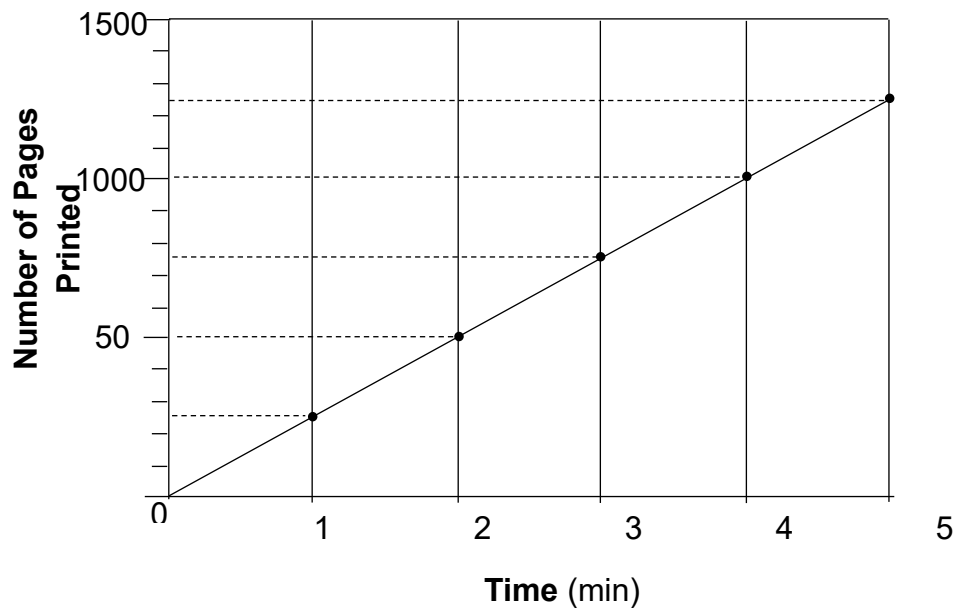(a) Ms Chan bought a washing machine which cost $700 before discount. How much was the discount?

Ans : (a)_____ [1]

(b) Ms Wong bought 2 identical chairs at the sale. She paid $151.20 for them. What was the price of one chair before discount?

Ans : (b)_____ [2]

The line graph shows the number of pages a printer prints over 5 minutes.

15)

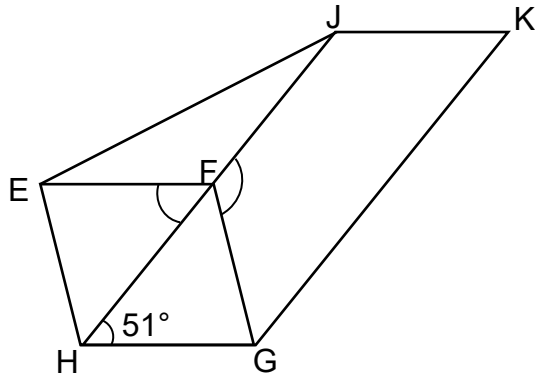(a) How many pages does the printer print in 4 minutes?

Ans : (a)_____ [1]

(b) How many pages does the printer print per minute?

Ans : (b)_____ [1]

(c) At this rate, how much time would the printer take to print 9500 pages?

Ans : (c)_____ [2]

16)   EFGH is a rhombus. JKGH is a parallelogram. F is the midpoint of HJ.

(a) Find ∠HFE.

Ans : (a)_____ [1]

(b) Find ∠GFJ.

Ans : (b)_____ [2]

(c) Circle the words that describe Triangle EFJ in the statement:

Triangle EFJ **(is / is not)** an isosceles triangle because
EF **(is / is not)** equal to FJ.

[1]