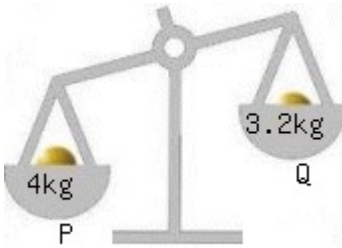## Answer the questions

(1) Find the least natural number which when divided by 9, 60 and 6 leaves the remainder of 2 in each case.

(2) The diagram given below shows the weights of two bags of sugar.

Find the weight, in grams, of sugar that should be added to the bag Q in order to balance the scale.

(3) – = 300 grams

 – = 400 grams

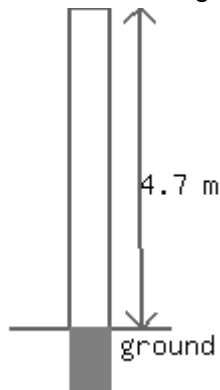If the total weight of , and is 1900 grams, what is the weight of

 ?

(4) The table shows description of four Scanners.

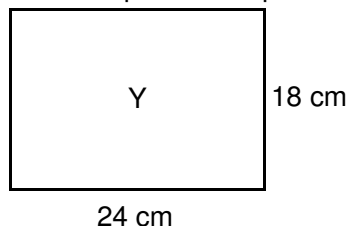| Printer	Specification
Scanner 1	Scans 22 pages per minute
Scanner 2	Scans 30 pages per minute
Scanner 3	Scans 1 page every 2 seconds
Scanner 4	Scans 2 pages per second

Which is the slowest?

(5) What is the total length of the pole in centimeters if 20 cm is buried in the ground?

(6) What is the minimum number of line segments required to make letter **N** ?

(7) If = 28, what is the value of ?

(8) If all the letters of the English alphabet are written in reverse order, what will be the letter at the 6 th place to the left of letter **H**?

(9) Age of Julia is 15 years and age of Justin is 26 years. What is the sum of their ages in roman numerals?

Choose correct answer(s) from the given choices

(10) Which expression represents the perimeter (P) of the rectangle.

a. P = 2 × (24 - 18) **b.** P = 2 × (24 + 18)

c. P = 2 × (24 × 18) **d.** P = 2 + (24 + 18)

(11) Which of the following is a perfect number?

a. 60 **b.** 30

c. 14 **d.** 28

(12) The following table shows the number of candies eaten by Avery and Tyler in 4 weeks.

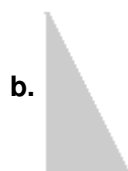| Weeks	Avery	Tyler
1	5	3
2	4	5
3	10	8
4	9	11

Which of the following statements is true?

a. In the first and last week together Avery ate more candies than Tyler.

b. In 4 weeks Avery ate fewer candies than Tyler.

c. In the last two weeks Avery ate fewer candies than Tyler.

d. In the first two weeks Avery ate more candies than Tyler.

(13) What are the next two shapes ?

a.

b.

c.

d.

(14) Which is the next figure in the sequence shown below?

a.

b.

c.

d.

Fill in the blanks

(15) In all, there are _____ digits in whole number 90000 in the number system.

Many more such worksheets can be generated at www.edugain.com

Answers

(1) 182

(2) 800 grams

(3) 1000 grams

(4) Scanner 1

(5) 490 cm

(6) 3

(7) 35

(8) N

(9) XLI

(10) **b.** P = 2 × (24 + 18)

(11) **d.** 28

(12) **d.** In the first two weeks Avery ate more candies than Tyler.

(13) **b.**

(14) **a.**

(15) 5