

POLICE DAV PUBLIC SCHOOL

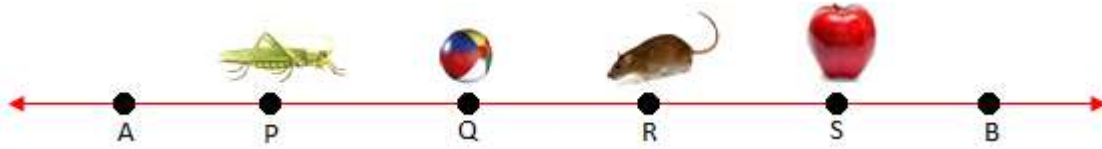
CLASS-VI (MATHS)

HOLIDAYS HOMEWORK

- (1) Find the largest 3-digit number which is exactly divisible by 66.
 - (2) What is the largest number that divides 965 and 380 leaving a remainder of 5?
 - (3) Find the largest number that divides 919 and 313 leaving remainders 7 and 9, respectively.
 - (4) Find the largest number that will divide 153, 69, and 117 leaving the same remainder in each case.
 - (5) Determine the two numbers nearest to 200000 which are exactly divisible by 3, 6, 5 and 7.
 - (6) Two brands of candies are available in the packs of 63 and 35, respectively. Priyanka wants to buy the same number of candies of both the brands. What is the least number of packs of each brand of candies that she will need to buy?
 - (7) Two tankers contain 648 liters and 88 liters of petrol, respectively. Find the capacity of the largest measuring container which can measure the petrol of each tanker exactly?
 - (8) 3 bells ring at intervals of 35, 225, 15 seconds, respectively. If the bells ring together at 5 o'clock, when will they ring together again? How many times will they ring together in 945 minutes?
 - (9) Determine the two numbers nearest to 1000 which are exactly divisible by 3, 2, 5, 8, 4 and 6.
 - (10) Selucid is a comet that orbits around the sun once in 48 years, and Alferno-Princip is a comet that orbits around the sun once in 168 years. The last time they were seen together in the sky was in 1999. In which year will they be next seen together in the sky?
11. Solve the followings:
- a. $12 \div (5-3) - 2(5-3)$
 - b. $20 \div (40-32) + 20 \times (40-32)$
 - c. $26 \div (11+2) - (31-30)$
 - d. $28 \div (1+6) + 10(1+6) + 10$
12. Estimate the following products (by general rule):
- a) 271×362
 - (b) 5271×3411
 - (c) 32×567
 - (d) 451×200
13. Estimate the following (by rounding off to nearest hundreds):
- (a) $6,941 + 6,320$
 - (b) $416 + 126$
 - (c) $109 + 6,202$
 - (d) $146 + 7,684$
14. X and Y worked as salesperson at a bookstore. They sold 6283 story books in all. X sold 3324 story books. How many story books were sold by Y?
15. A factory makes 132 machines per day. How many machines will the factory make in March?
16. The population of a town was 9,75,689. In the first year it increased by 4563 and in the second year it decreased by 8976. What was the population of the town at the end of second year?
17. If a table costs Rs 450 and a chair costs Rs 225, find the total amount needed to buy 30 table and 50 chairs. ?

18. A Game zone was held for four days in a school. The number of tickets sold at the counter on the first, second, third and final day was respectively 1091, 1802, 1050 and 1751. Find the total number of tickets sold on?

(22). Fill in the blanks:



(i)  is at point ____ on the line AB.

(ii)  is at point ____ on the line AB.

(iii)  is at point ____ on the line AB.

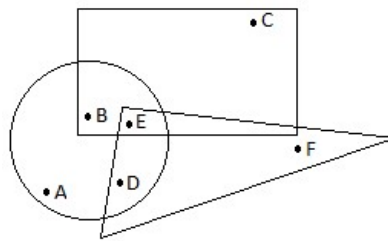
(iv)  is at point ____ on the line AB.

(23). Name the points:

(i) inside the circle

(ii) inside the triangle

(iii) inside the rectangle



(24). The figure is made up of:

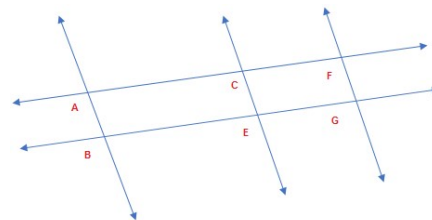
(i) ____ curved lines

(ii) ____ straight lines



(25) Please find below based on above figure

a) A pair of intersecting lines



b) A pair of parallel lines

c) Intersecting points

d) Write down two line segments in the figure

e) Represent all the lines in the figure

PROJECT: 1. Find ray, line and line segment in the alphabets of your name. (Roll no. 1- 25)

2. Find ray, line and line segment in the real objects. (Roll no. 26 and above)