10. Two persons could fit new windows in a house in 3 days.

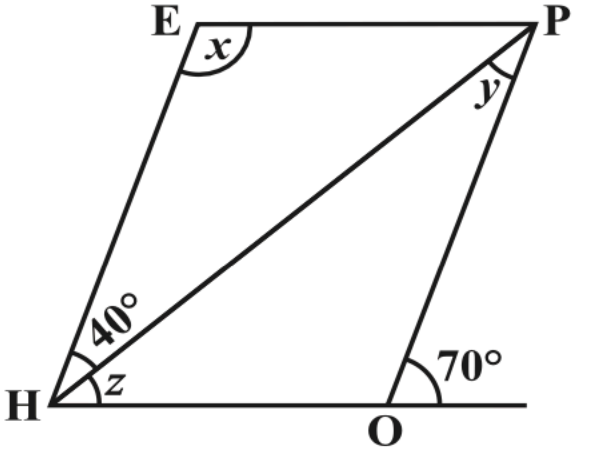
(i) One of the persons fell ill before the work started. How long would the job take now?

(ii) How many persons would be needed to fit the windows in one day?

8. Rashmi has a road map with a scale of 1 cm representing 18 km. She drives on a road for 72 km. What would be her distance covered in the map?

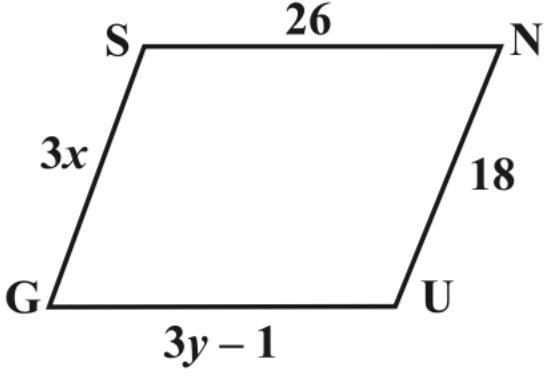
6. Two adjacent angles of a parallelogram have equal measure. Find the measure of each of the angles of the parallelogram.

7. The adjacent figure HOPE is a parallelogram. Find the angle measures x, y and z. State the properties you use to find them.

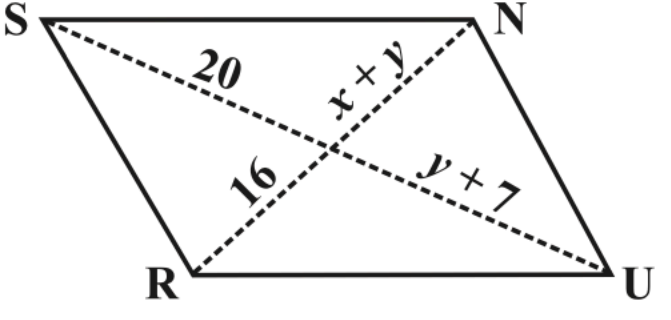


8. The following figures GUNS and RUNS are parallelograms. Find x and y. (Lengths are in cm)

(i)



(ii)



2. When a die is thrown, list the outcomes of an event of getting

(i) (a) a prime number (b) not a prime number.

(ii) (a) a number greater than 5 (b) a number not greater than 5.

5. The number of students in a hostel, speaking different languages is given below. Display the data in a pie chart.

Language	Hindi	English	Marathi	Tamil	Bengali	Total
Number of students	40	12	9	7	4	72

26. Size of the class 150 –175 is

(a) 150 (b) 175 (c) 25 (d) –25

27. In a throw of a dice, the probability of getting the number 7 is

(a) $\frac{1}{2}$ (b) $\frac{1}{6}$ (c) 1 (d) 0

28. Data represented using circles is known as

(a)Bar graph (b) Histogram (c) Pictograph (d) Pie chart

29. Tally marks are used to find

(a) Class intervals (b) Range

(c) Frequency (d) Upper limit

30. Upper limit of class interval 75 –85 is

(a) 10 (b) –10 (c) 75 (d) 85

31. Numbers 1 to 5 are written on separate slips, i.e one number on one slip and put in a box. Wahida pick a slip from the box without looking at it. What is the probability that the slip bears an odd number?

(a) $\frac{1}{5}$ (b) $\frac{2}{5}$ (c) $\frac{3}{5}$ (d) $\frac{4}{5}$