

Class – 8<sup>th</sup>

Chapter-3

Subject Maths

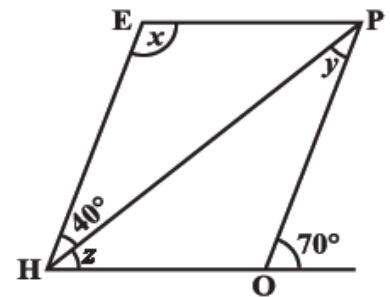
Worksheet-12

Understanding Quadrilaterals

- The measures of two adjacent angles of a parallelogram are in the ratio 3 :
- Find the measure of each of the angles of the parallelogram.

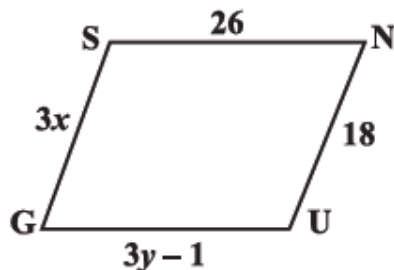
- Two adjacent angles of a parallelogram have equal measure. Find the measure of each of the angles of the parallelogram.

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

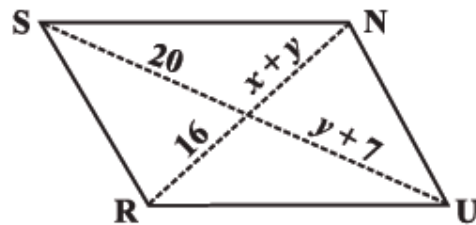


- The following figures GUNS and RUNS are parallelograms. Find  $x$  and  $y$ . (Lengths are in cm)

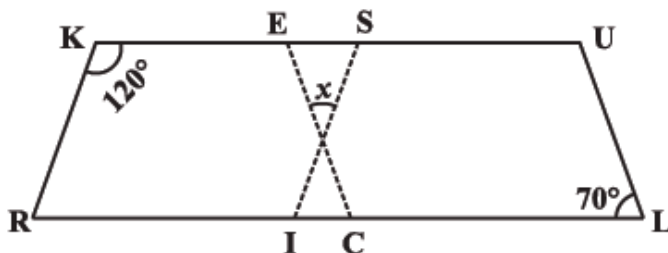
(i)



(ii)



5.



In the above figure both RISK and CLUE are parallelograms. Find the value of  $x$ .

- Find  $m\angle C$  in Fig 3.33 if  $AB \parallel DC$ .

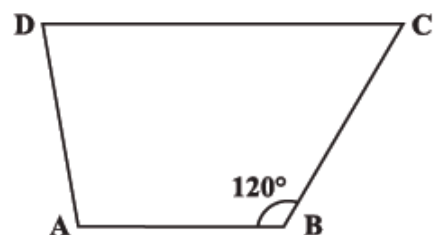


Fig 3.33