Understanding shapes-III special types of quadrilaterals Ex 17.1 Q15

Answer :

We know that the opposite sides of a parallelogram are equal.
Two sides are given, i.e. 4 cm and 3 cm.
Therefore, the rest of the sies will also be 4 cm and 3 cm.
$\therefore$ Perimeter = Sum of all the sides of a parallelogram
$= 4+3+4+3$
$= 14$ cm

Understanding shapes-III special types of quadrilaterals Ex 17.1 Q16

Answer :

Opposite sides of a parallelogram are same.
Let two sides of the parallelogram be x and y.
Given :
$x = y + 25$
Also, $x+y+x+y = 150$ $\left(Perimeter = Sum\ of\ all\ the\ sides\ of\ a\ parallelogram\right)$
$y+25+y+y+25+y = 150$
$4y = 150 - 50$
$4y = 100$
$y = \frac{100}{4} = 25$
$\therefore x = y + 25 = 25 + 25 = 50$
Thus, the lengths of the sides of the parallelogram are 50 cm and 25 cm.

Understanding shapes-III special types of quadrilaterals Ex 17.1 Q17

Answer :

Given :
Shorter side $= 4.8$ cm
Longer side $= \frac{4.8}{2} + 4.8 = 7.2$ cm
Perimeter = Sum of all the sides
$= 4.8 + 4.8 + 7.2 + 7.2$
$= 24$ cm

********** END **********