Understanding shapes-II Quadrilaterals Ex 16.1 Q7

Answer:

Let x be the fourth angle.
Since, the sum of all angles of a quadrilateral is $360°$, we have:
$80° + 80° + 80° + x = 360°$
$\Rightarrow 240° + x = 360°$
$\Rightarrow x = 120°$
$\therefore$ The fourth angle is $120°$.

Understanding shapes-II Quadrilaterals Ex 16.1 Q8

Answer:

Let x be the measure of each angle.
Since, the sum of all the angles of a quadrilateral is $360°$, we have:
$x° + x° + x° + x° = 360°$
$\Rightarrow 4x° = 360°$
$\Rightarrow x° = 90°$
$\therefore$ The measure of each angle is $90°$.

Understanding shapes-II Quadrilaterals Ex 16.1 Q9

Answer:

Let x be the measure of each angle.
Since, the sum of all the angles of a quadrilateral is $360°$, we have:
$65° + 65° + x° + x° = 360°$
$\Rightarrow 2x° + 130° = 360°$
$\Rightarrow 2x° = 230°$
$\Rightarrow x° = 115°$
$\therefore$ The measure of each angle is $115°$.

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