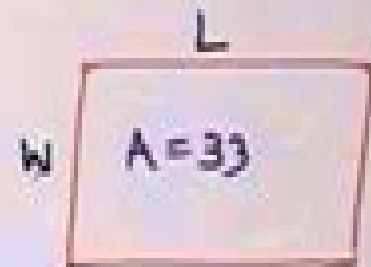


Problem Solving Using Quadratic Equations

A rectangle has perimeter 23 cm. Its area is 33 cm^2 .
Determine the dimensions of the rectangle.

$$P = 2(W + L) = 23$$
$$W + L = \frac{23}{2} \Rightarrow$$

$$W = \frac{23}{2} - L$$



$$A = L \cdot W = 33$$

$$L \left(\frac{23}{2} - L \right) = 33$$

$$\frac{23}{2}L - L^2 = 33$$

$$L^2 - \frac{23}{2}L + 33 = 0$$

$$L^2 - 11.5L + 33 = 0$$

$L =$

Let length be L
and width be W

How To Find Diameter Of A Rectangle

SJ Ball



How To Find Diameter Of A Rectangle:

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In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**How To Find Diameter Of A Rectangle**," an enthralling opus penned by a very acclaimed wordsmith, readers set about an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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