

Chapter 6: Quadrilaterals
Lesson 6-3: Rectangles
Classwork

Name _____

Find the missing measurements of Rectangle ABCD.

$AB = 16$

$BC = 10$

$CD = \underline{\hspace{2cm}}$

$DA = \underline{\hspace{2cm}}$

$AC = 18$

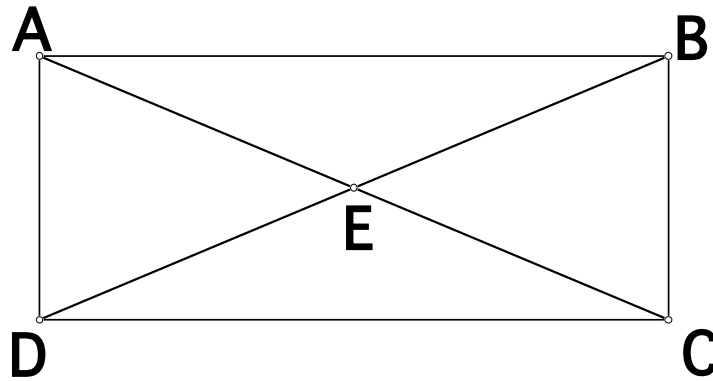
$DB = \underline{\hspace{2cm}}$

$AE = \underline{\hspace{2cm}}$

$BE = \underline{\hspace{2cm}}$

$CE = \underline{\hspace{2cm}}$

$DE = \underline{\hspace{2cm}}$



$m\angle ABE = 36^\circ$ $m\angle EBC = \underline{\hspace{2cm}}$ $m\angle BCE = \underline{\hspace{2cm}}$ $m\angle ECD = \underline{\hspace{2cm}}$

$m\angle CDE = \underline{\hspace{2cm}}$ $m\angle EDA = \underline{\hspace{2cm}}$ $m\angle DAE = \underline{\hspace{2cm}}$ $m\angle EAB = \underline{\hspace{2cm}}$

$m\angle AEB = \underline{\hspace{2cm}}$ $m\angle BEC = \underline{\hspace{2cm}}$ $m\angle CED = \underline{\hspace{2cm}}$ $m\angle DEA = \underline{\hspace{2cm}}$

Find the missing measurements of Rectangle ABCD.

$AB = \underline{\hspace{2cm}}$

$BC = 9$

$CD = 14$

$DA = \underline{\hspace{2cm}}$

$AC = \underline{\hspace{2cm}}$

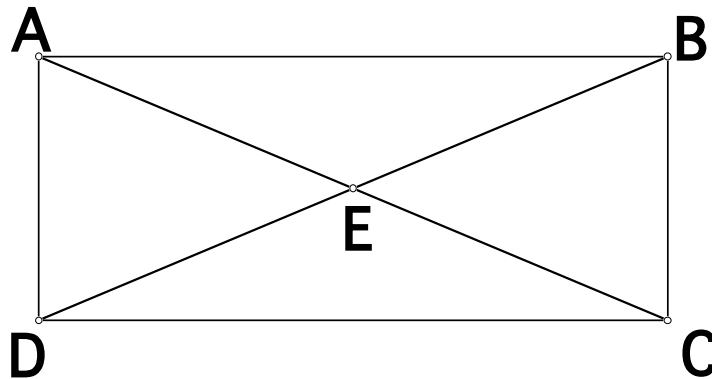
$DB = \underline{\hspace{2cm}}$

$AE = 10$

$BE = \underline{\hspace{2cm}}$

$CE = \underline{\hspace{2cm}}$

$DE = \underline{\hspace{2cm}}$



$m\angle ABE = \underline{\hspace{2cm}}$ $m\angle EBC = \underline{\hspace{2cm}}$ $m\angle BCE = \underline{\hspace{2cm}}$ $m\angle ECD = \underline{\hspace{2cm}}$

$m\angle CDE = \underline{\hspace{2cm}}$ $m\angle EDA = \underline{\hspace{2cm}}$ $m\angle DAE = \underline{\hspace{2cm}}$ $m\angle EAB = \underline{\hspace{2cm}}$

$m\angle AEB = 150^\circ$ $m\angle BEC = \underline{\hspace{2cm}}$ $m\angle CED = \underline{\hspace{2cm}}$ $m\angle DEA = \underline{\hspace{2cm}}$