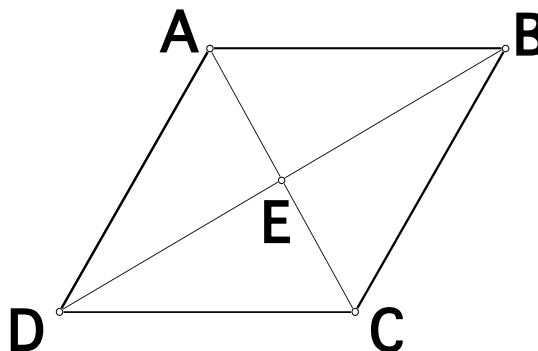


Chapter 6: Quadrilaterals
Lesson 6-4: Rhombi and Squares
Classwork

Name _____

Find the missing measurements of Rhombus ABCD.

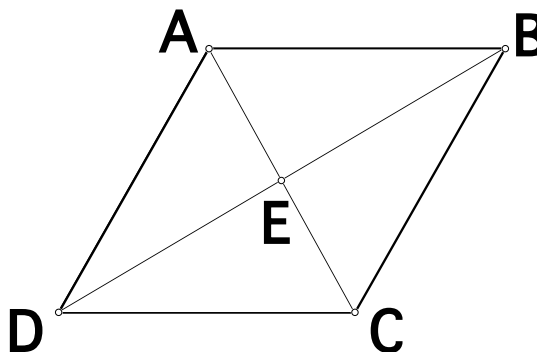
AB = 10
 BC = _____
 CD = _____
 DA = _____
 AC = 9
 DB = 18
 AE = _____
 BE = _____
 CE = _____
 DE = _____



m∠ABE = _____ m∠EBC = _____ m∠BCE = _____ m∠ECD = _____
 m∠CDE = _____ m∠EDA = _____ m∠DAE = _____ m∠EAB = 63°
 m∠AEB = _____ m∠BEC = _____ m∠CED = _____ m∠DEA = _____

Find the missing measurements of Rhombus ABCD.

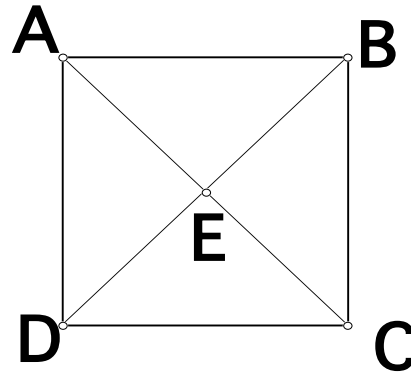
AB = _____
 BC = 13
 CD = _____
 DA = _____
 AC = _____
 DB = _____
 AE = 5
 BE = 11
 CE = _____
 DE = _____



m∠ABE = _____ m∠EBC = 19° m∠BCE = _____ m∠ECD = _____
 m∠CDE = _____ m∠EDA = _____ m∠DAE = _____ m∠EAB = _____
 m∠AEB = _____ m∠BEC = _____ m∠CED = _____ m∠DEA = _____

Find the missing measurements of Square ABCD.

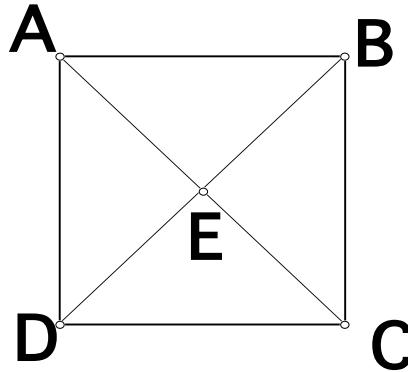
$AB = 12$ $BC = \underline{\hspace{2cm}}$
 $CD = \underline{\hspace{2cm}}$ $DA = \underline{\hspace{2cm}}$
 $AC = 18$ $DB = \underline{\hspace{2cm}}$
 $AE = \underline{\hspace{2cm}}$ $BE = \underline{\hspace{2cm}}$
 $CE = \underline{\hspace{2cm}}$ $DE = \underline{\hspace{2cm}}$



$m\angle ABE = \underline{\hspace{2cm}}$ $m\angle EBC = \underline{\hspace{2cm}}$ $m\angle BCE = \underline{\hspace{2cm}}$ $m\angle ECD = \underline{\hspace{2cm}}$
 $m\angle CDE = \underline{\hspace{2cm}}$ $m\angle EDA = \underline{\hspace{2cm}}$ $m\angle DAE = \underline{\hspace{2cm}}$ $m\angle EAB = \underline{\hspace{2cm}}$
 $m\angle AEB = \underline{\hspace{2cm}}$ $m\angle BEC = \underline{\hspace{2cm}}$ $m\angle CED = \underline{\hspace{2cm}}$ $m\angle DEA = \underline{\hspace{2cm}}$

Find the missing measurements of Square ABCD.

$AB = \underline{\hspace{2cm}}$ $BC = 15$
 $CD = \underline{\hspace{2cm}}$ $DA = \underline{\hspace{2cm}}$
 $AC = \underline{\hspace{2cm}}$ $DB = \underline{\hspace{2cm}}$
 $AE = \underline{\hspace{2cm}}$ $BE = 10$
 $CE = \underline{\hspace{2cm}}$ $DE = \underline{\hspace{2cm}}$



$m\angle ABE = \underline{\hspace{2cm}}$ $m\angle EBC = \underline{\hspace{2cm}}$ $m\angle BCE = \underline{\hspace{2cm}}$ $m\angle ECD = \underline{\hspace{2cm}}$
 $m\angle CDE = \underline{\hspace{2cm}}$ $m\angle EDA = \underline{\hspace{2cm}}$ $m\angle DAE = \underline{\hspace{2cm}}$ $m\angle EAB = \underline{\hspace{2cm}}$
 $m\angle AEB = \underline{\hspace{2cm}}$ $m\angle BEC = \underline{\hspace{2cm}}$ $m\angle CED = \underline{\hspace{2cm}}$ $m\angle DEA = \underline{\hspace{2cm}}$

Chapter 6: Quadrilaterals
Lesson 6-4: Rhombi and Squares
Classwork 2: Integrated III

Name _____

Find the missing measurements of Rhombus ABCD.

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

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

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

$DA = 21$

$AC = 24$

$DB = 30$

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

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

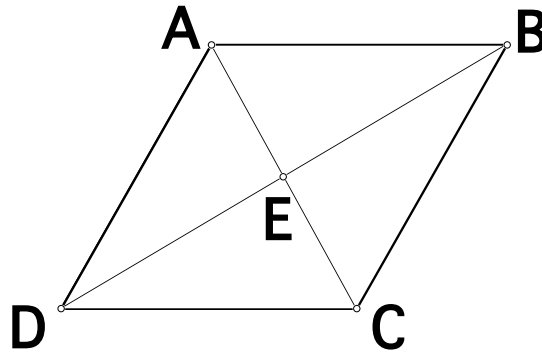
$CE = \underline{\hspace{2cm}}$

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

$m\angle ABE = \underline{\hspace{2cm}}$ $m\angle EBC = 37^\circ$ $m\angle BCE = \underline{\hspace{2cm}}$ $m\angle ECD = \underline{\hspace{2cm}}$

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

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



Find the missing measurements of Rhombus ABCD.

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

$BC = 19$

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

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

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

$DB = 25$

$AE = 8$

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

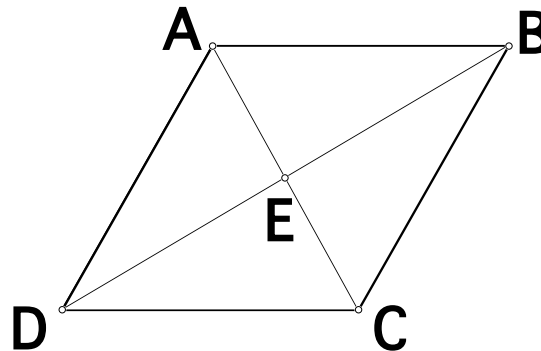
$CE = \underline{\hspace{2cm}}$

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

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

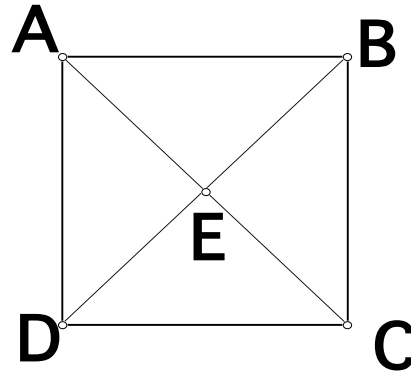
$m\angle CDE = \underline{\hspace{2cm}}$ $m\angle EDA = 27^\circ$ $m\angle DAE = \underline{\hspace{2cm}}$ $m\angle EAB = \underline{\hspace{2cm}}$

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



Find the missing measurements of Square ABCD.

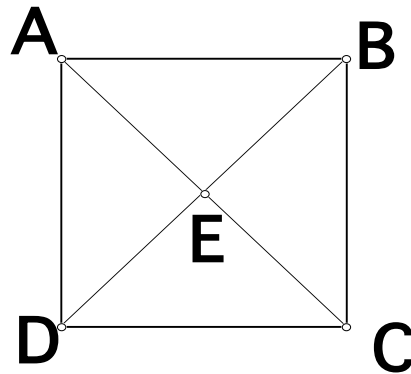
AB = _____ BC = _____
CD = 14 DA = _____
AC = _____ DB = _____
AE = 9 BE = _____
CE = _____ DE = _____



m∠ABE = _____ m∠EBC = _____ m∠BCE = _____ m∠ECD = _____
m∠CDE = _____ m∠EDA = _____ m∠DAE = _____ m∠EAB = _____
m∠AEB = _____ m∠BEC = _____ m∠CED = _____ m∠DEA = _____

Find the missing measurements of Square ABCD.

AB = _____ BC = 11
CD = _____ DA = _____
AC = _____ DB = 16
AE = _____ BE = _____
CE = _____ DE = _____



m∠ABE = _____ m∠EBC = _____ m∠BCE = _____ m∠ECD = _____
m∠CDE = _____ m∠EDA = _____ m∠DAE = _____ m∠EAB = _____
m∠AEB = _____ m∠BEC = _____ m∠CED = _____ m∠DEA = _____