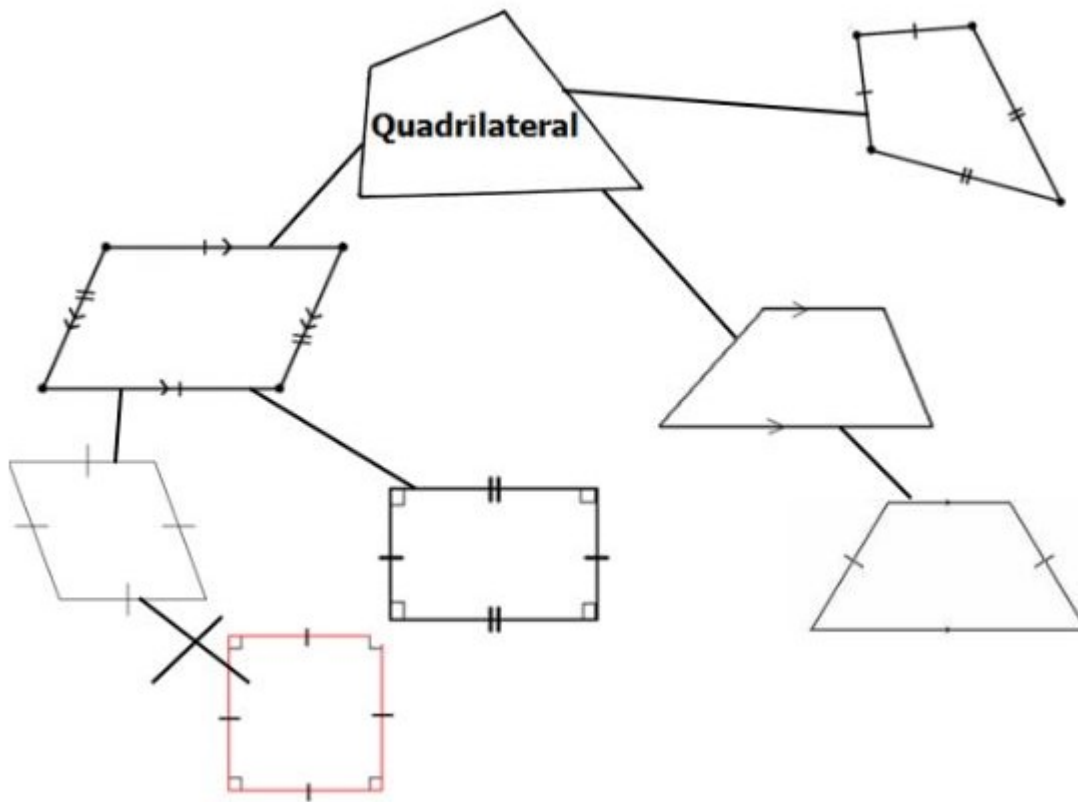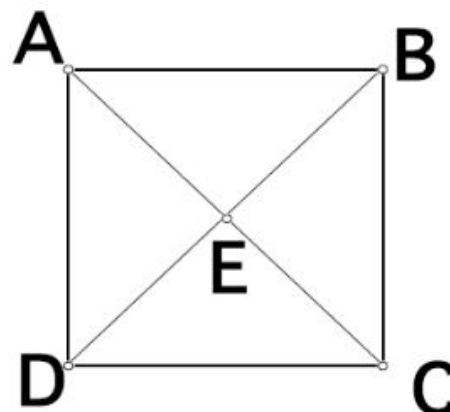SPECIAL QUADRILATERALS PRACTICE

Write the name of each special quadrilateral in the images below.

Quadrilateral

Find the missing measurements of Square ABCD.
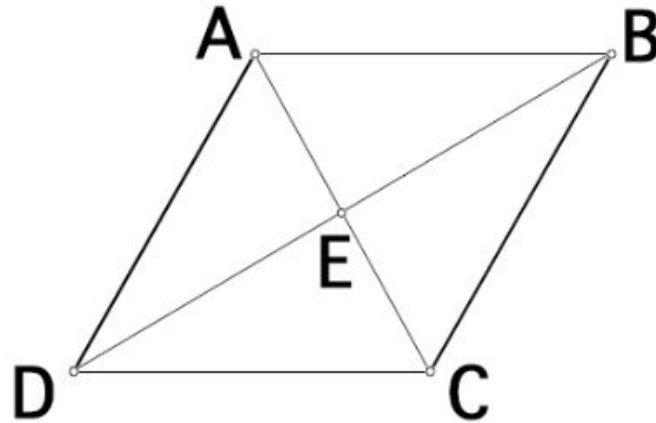
AB = 12   BC = _____
CD = _____   DA = _____
AC = 17   DB = _____
AE = _____   BE = _____
CE = _____   DE = _____

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

Find the missing measurements of Rhombus ABCD.
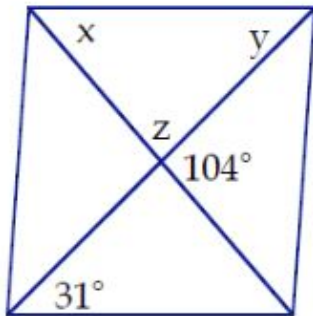
AB = 9.48

BC = _____

CD = _____

DA = _____

AC = 9

DB = 18

AE = _____

BE = _____

CE = _____

DE = _____

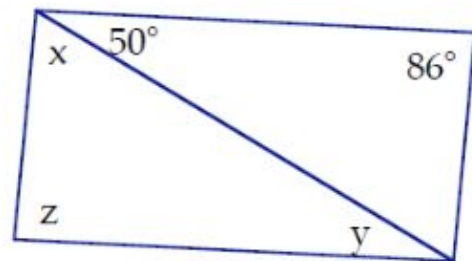m<ABE = _____   m<EBC = _____   m<BCE = _____   m<ECD = _____

m<CDE = _____   m<EDA = _____   m<DAE = _____   m<EAB = 63 °

m<AEB = _____   m<BEC = _____   m<CED = _____   m<DEA = _____

The following pictures look like rectangles. DO NOT ASSUME THIS. Use the angle measures as noted on each picture.
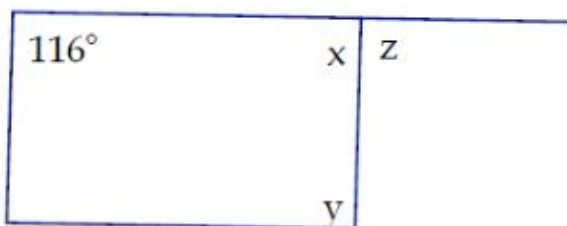
Find the values of x, y and z if each quadrilateral is a parallelogram.
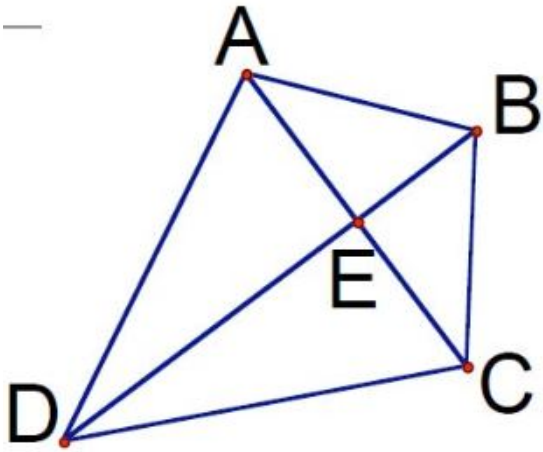
x = _____
y = _____
z = _____

x = _____
y = _____
z = _____

x = _____
y = _____
z = _____

What do you know about the sides of a kite?

What do you know about the angles of a kite?

What do you know about the diagonals of a kite?