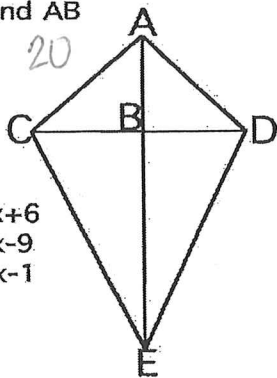


Name: _____ **Kites and Trapezoids Worksheet**

Chap: Quads

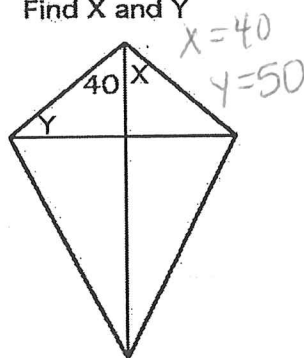
Assign: 31C

1.) Given Kite ADEC
Find AB



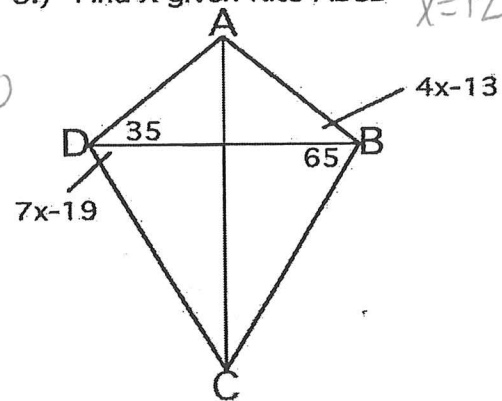
$CB = 3x + 6$
 $BD = 8x - 9$
 $AB = 7x - 1$

2.) Given Kite ABCD
Find X and Y

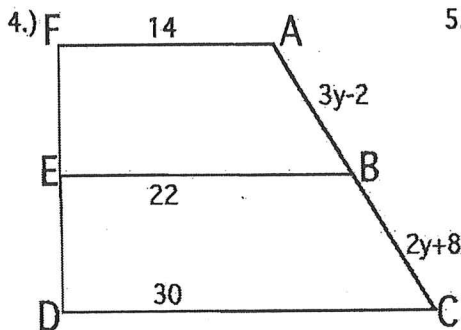


$x = 40$
 $y = 50$

3.) Find X given Kite ABCD

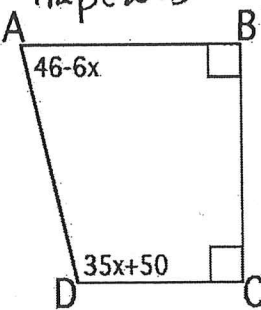


$x = 12$

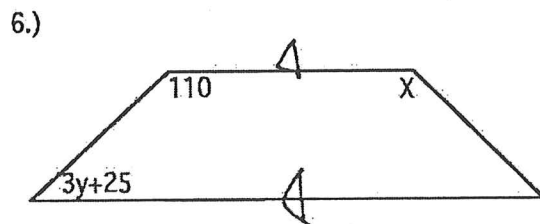


Find AB = 28

5.) Trapezoid ABCD



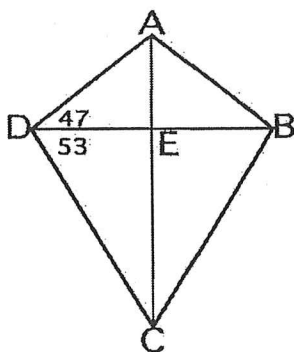
Find $m\angle D = 151.4$



Find X and Y

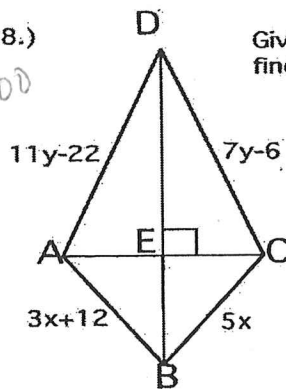
$x = 110$
 $y = 15$

7.) Given Kite ABCD



Find $m\angle ABC = 100$
 $m\angle CED = 90$
 $m\angle CEB = 90$

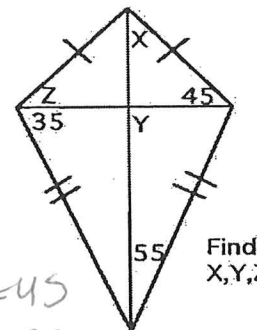
8.)



Given Kite DCBA
find AD and CB

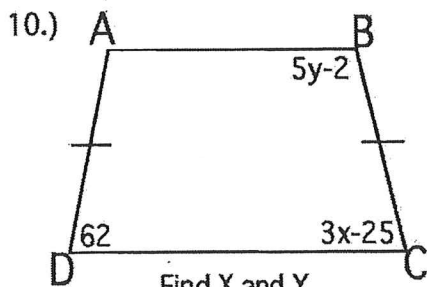
$AD = 22$
 $CB = 30$

9.)



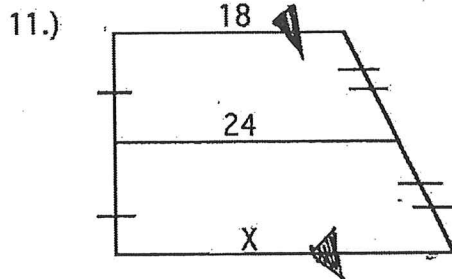
Find X, Y, Z

$x = 45$
 $y = 90$
 $z = 45$

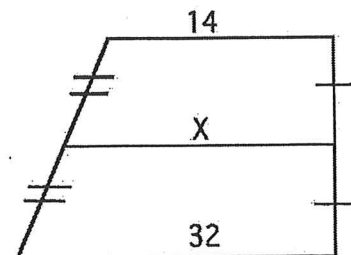


Find X and Y

$x = 29$ $y = 24$



$x = 30$



$x = 23$