Unit 6.2 Hints to solve

#1
If one segment is 17 units long and another segment is 8.5 units long, then what is the total length of the two segments together?

#2
If two segments together is 54 units long and one segment is 25 units long, then what is the length of the second segment?

#4
Find the distance from point A to point B.
Then find the distance from point C to point D.
If the two distances are the same then the line segments are congruent.

#8
This is way easier than it looks.
Count from A to B. If you got 3, then you are correct!

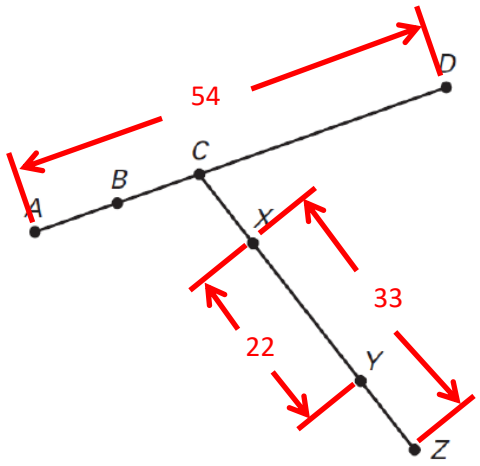
#9
Count from A to D. If you got 9, then you are correct!

#16-21
Label everything from the given info:
AB = BC = CX = YZ, AD = 54, XY = 22, and XZ = 33.

Now, if XZ is 33 and XY is 22
Then what would YZ be?

Now that you have YZ, you also have
AB & BC & CX since they all are equal.

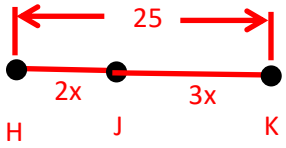
Now you should be able to solve everything!



#25

Label everything from the given info:

HJ = 2x, JK = 3x, HK = 25



We know that the two small segments will equal the large segment, so

HJ + JK = HK
Or
2x + 3x = 25
Solve for x, then
Use that to tell how long
HJ = ?
And
JK = ?