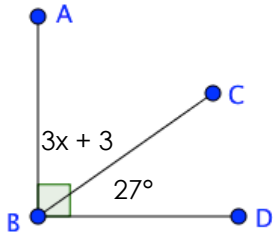


1) Use the figure below to answer the following.



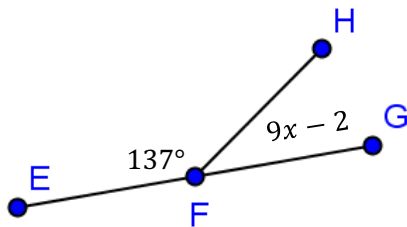
a) What is the relationship between $\angle ABC$ and $\angle CBD$?

b) What is $m\angle ABC$? _____

c) What is the value of x ? Write an equation to help you.

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

2) Use the figure below to answer the following.



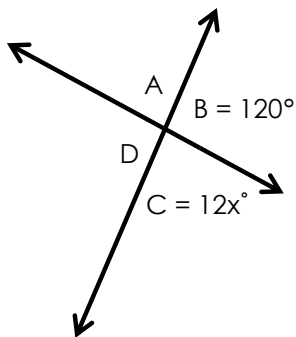
a) What is the relationship between $\angle EFH$ and $\angle HFG$?

b) What is $m\angle HFG$? _____

c) What is the value of x ? Write an equation to help you.

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

3) Use the following figure to answer the following.



a) What is the relationship between $\angle B$ and $\angle C$?

b) What is $m\angle D$? _____

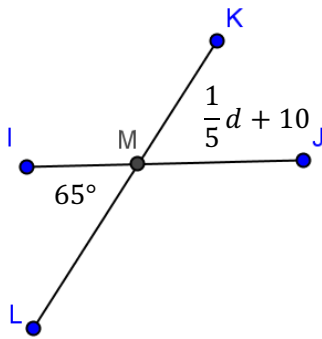
c) What is $m\angle A$? _____

e) What is $m\angle C$? _____

f) What is the value of x ? Write an equation to help you.

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

Use the following figure to answer the following.



a) What is the relationship between $\angle KMJ$ and $\angle IML$?

b) What is $m\angle IMK$? _____

c) What is $m\angle LMJ$? _____

d) What is $m\angle KMJ$? _____

e) What is the value of d ? Write an equation to help you.

$d =$ _____