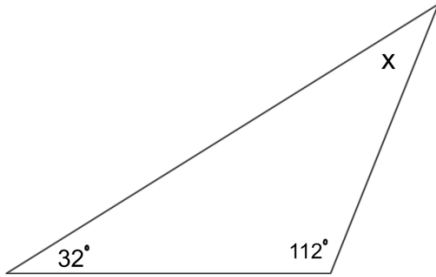


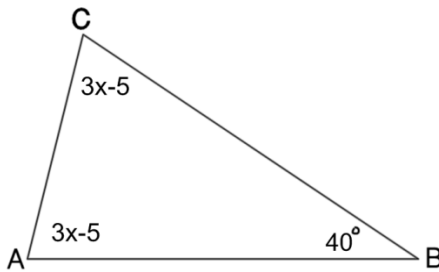
Name _____ Date _____

Purpose: Find the measure of the missing interior angle(s) in the following triangles using 1 or 2 step equations.



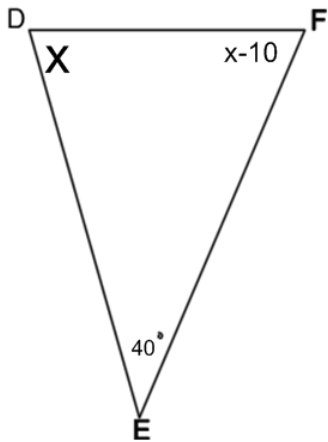
$$X = \underline{\hspace{2cm}}$$

Explain your answer/show your work.



$$X = \underline{\hspace{2cm}} \quad \text{Angle A} = \underline{\hspace{2cm}} \quad \text{Angle B} = \underline{\hspace{2cm}}$$

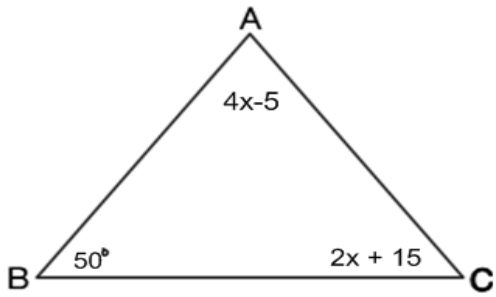
Explain your answer/show your work.



$$X = \underline{\hspace{2cm}} \quad \text{Angle D} = \underline{\hspace{2cm}} \quad \text{Angle F} = \underline{\hspace{2cm}}$$

Explain your answer/show your work.

L3-2b



Some Sums

8.G.5

$x =$ _____ Angle A = _____ Angle C = _____

Explain your answer/show your work

Draw your own triangle with 1 or 2 missing angles and challenge a classmate to find the missing angle(s).

ANSWER KEY

Triangle 1 $x=36^\circ$

Triangle 2 $x=25$ so Angle A= 70° and Angle C= 70°

Triangle 3 $x=75$ so Angle D= 75° and Angle F= 65°

Triangle 4 $x=20$ so Angle A= 75° and Angle C= 55°