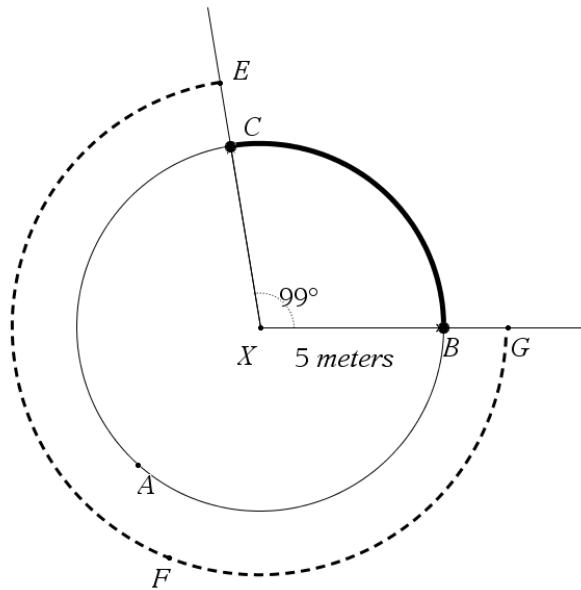


Name _____ Formative Assessment Date: _____ Hour _____

Refer to the given figure to answer the related questions



Determine the arc lengths

Arc BAC = _____ exact \approx _____ two decimal approx.

Arc BC = _____ exact

\approx _____ two decimal approx.

If it takes 16 minutes for angle BXC to open to its current angle, then

Angular Speed = _____ EXACT

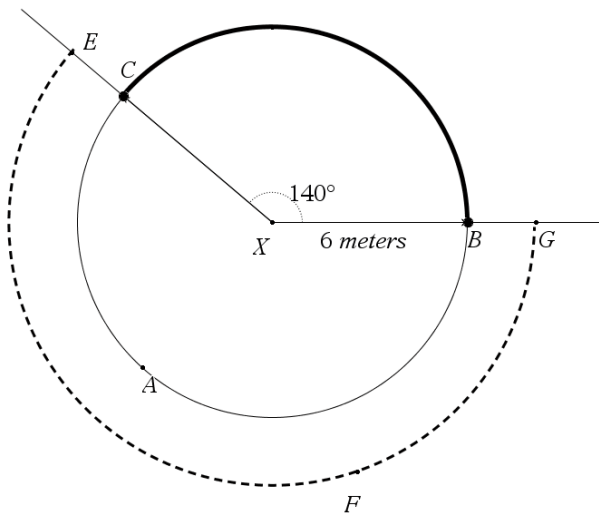
\approx _____ two decimal approx.

Linear Speed = _____ EXACT

\approx _____ two decimal approx.

Name _____ Formative Assessment Date: _____ Hour _____

Refer to the given figure to answer the related questions



Determine the arc lengths

Arc BAC = _____ exact \approx _____ two decimal approx.

Arc BC = _____ exact

\approx _____ two decimal approx.

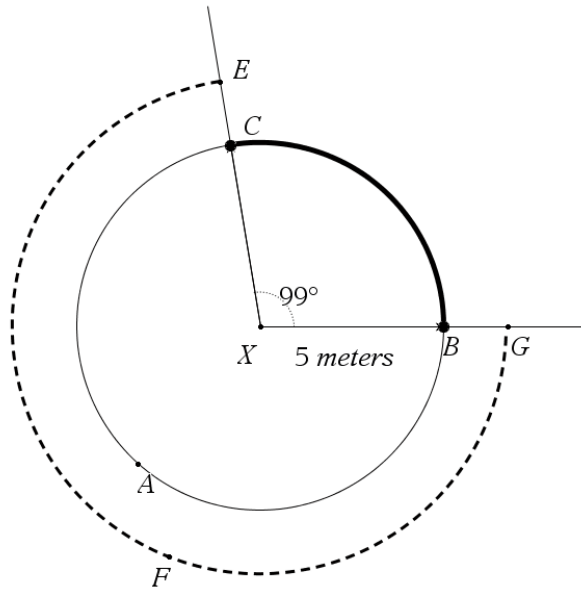
If it takes 18 minutes for angle BXC to open to its current angle, then

Angular Speed = _____ EXACT

\approx _____ two decimal approx.

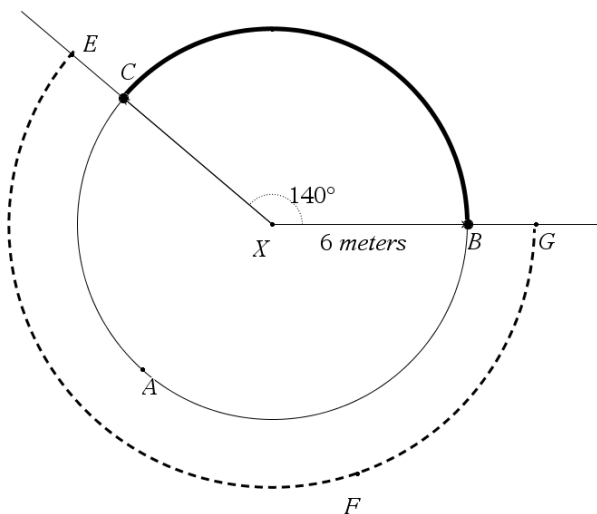
Linear Speed = _____ EXACT

\approx _____ two decimal approx.



IF WE DO NOT ASSUME THE FIGURE IS DRAWN TO SCALE,
then determine the length of segment XE if the dotted arc
 EFG is 32 meters long

SHOW WORK and give an exact and a two decimal place
approximation

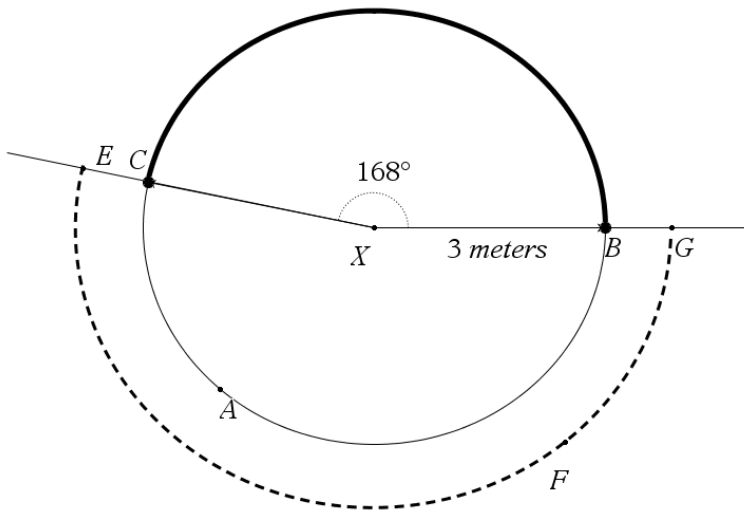


IF WE DO NOT ASSUME THE FIGURE IS DRAWN TO SCALE,
then determine the length of segment XE if the dotted arc
 EFG is 32 meters long

SHOW WORK and give an exact and a two decimal place
approximation

Name _____ Formative Assessment Date: _____ Hour _____

Refer to the given figure to answer the related questions



Determine the arc lengths

Arc BAC = _____ exact \approx _____ two decimal approx.

Arc BC = _____ exact

\approx _____ two decimal approx.

If it takes 24 minutes for angle BXC to open to its current angle, then

Angular Speed = _____ EXACT

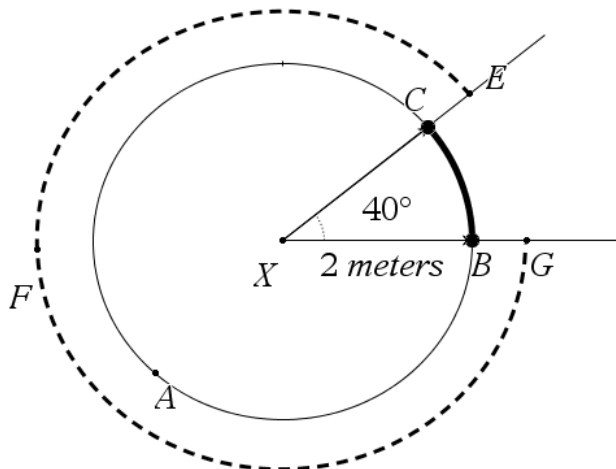
\approx _____ two decimal approx.

Linear Speed = _____ EXACT

\approx _____ two decimal approx.

Name _____ Formative Assessment Date: _____ Hour _____

Refer to the given figure to answer the related questions



Determine the arc lengths

Arc BAC = _____ exact \approx _____ two decimal approx.

Arc BC = _____ exact

\approx _____ two decimal approx.

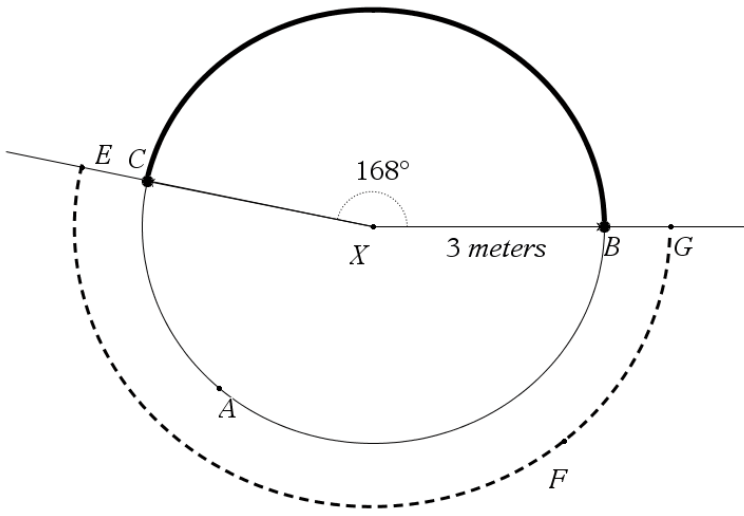
If it takes 40 minutes for angle BXC to open to its current angle, then

Angular Speed = _____ EXACT

\approx _____ two decimal approx.

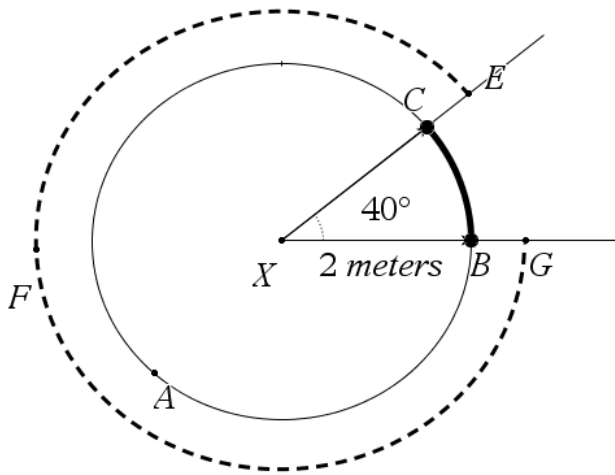
Linear Speed = _____ EXACT

\approx _____ two decimal approx.



IF WE DO NOT ASSUME THE FIGURE IS DRAWN TO SCALE, then determine the length of segment XE if the dotted arc EFG is 15 meters long

SHOW WORK and give an exact and a two decimal place approximation



IF WE DO NOT ASSUME THE FIGURE IS DRAWN TO SCALE, then determine the length of segment XE if the dotted arc EFG is 35 meters long

SHOW WORK and give an exact and a two decimal place approximation