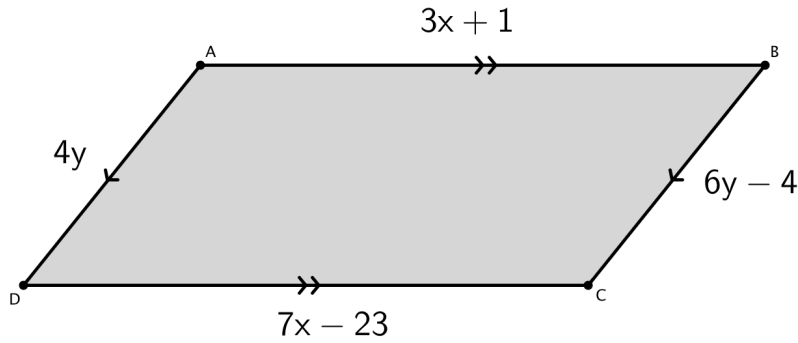


Exploring Properties of PARALLELOGRAMS
Part 4

Name _____

Use everything you've observed and learned in this GeoGebra investigation to algebraically determine the value of each indicated segment length and/or angle measure. (Be sure to show all your work!)

1)



$x =$

$AB =$

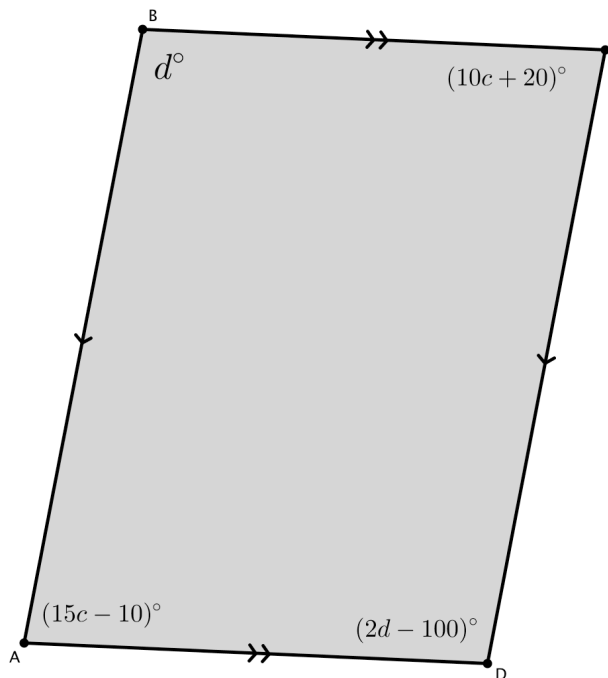
$DC =$

$y =$

$AD =$

$BC =$

2)



$d =$

$\sphericalangle D =$

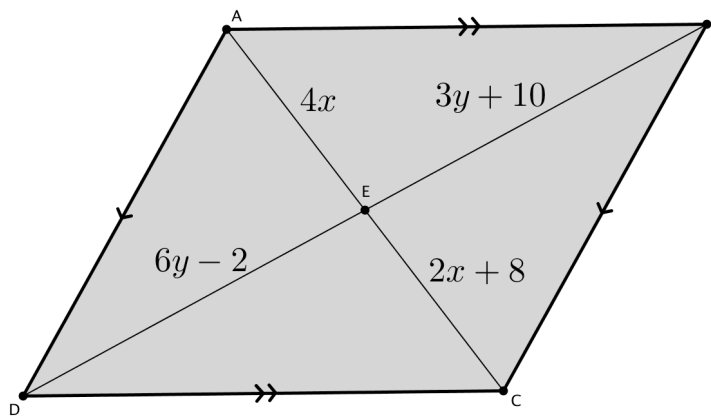
$\sphericalangle B =$

$c =$

$\sphericalangle I =$

$\sphericalangle A =$

3)



$x =$

$AE =$

$EC =$

$AC =$

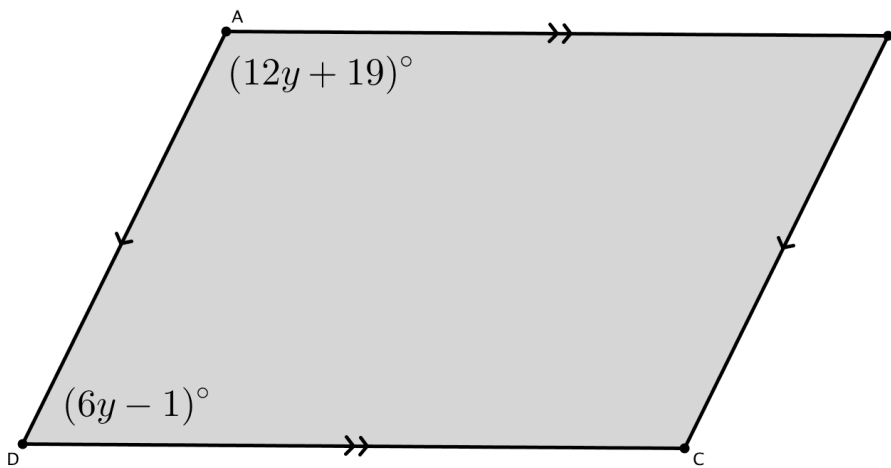
$y =$

$BE =$

$DE =$

$BD =$

4)



$y =$

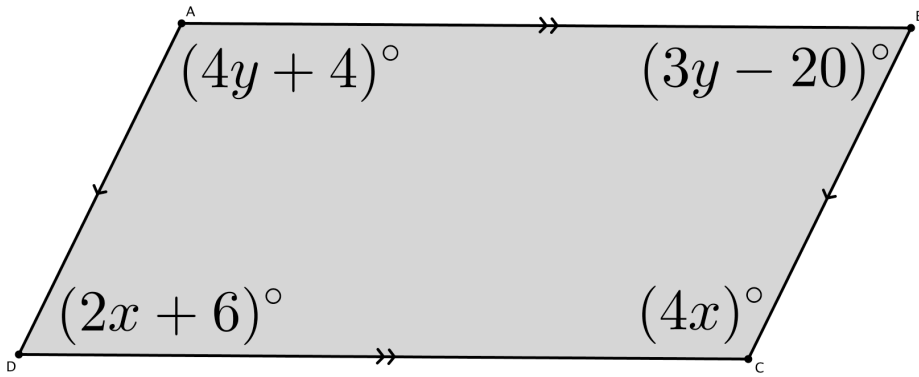
$\sphericalangle A =$

$\sphericalangle D =$

$\sphericalangle B =$

$\sphericalangle C =$

5)



$$x =$$

$$y =$$

$$\sphericalangle A =$$

$$\sphericalangle B =$$

$$\sphericalangle C =$$

$$\sphericalangle D =$$