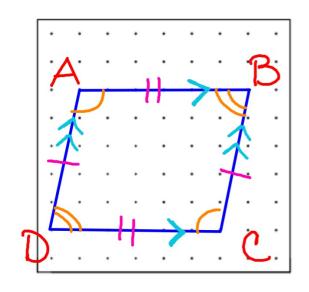
## DIAGRAM

OF

## PARALLELOGRAM



A pa	rallelo	gram is	ia Nal	,	_with
0	Hi 200	e	sides		
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oppo	site_	ang	les		are
	bng	neh	X).		
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DIAGONAL INVESTI	GAT	ION
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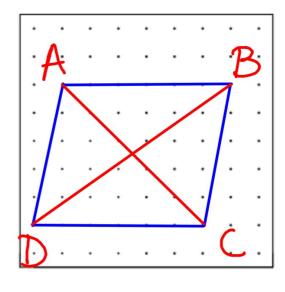
#1

ARE THE DIAGONALS CONGRUENT?

VO

$$m\overline{AC} = \underline{\qquad \qquad }$$
  
 $m\overline{BD} = \underline{\qquad \qquad }$ 

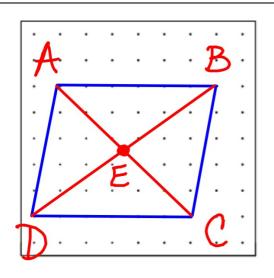
Since AC is Not Congruent to BD, then the diagonals of parallelograms NOt Congruent



DIAGONAL INVESTIGATION

#2

DO THE DIAGONALS BISECT EACH OTHER?



$m\overline{DE} = $
mBE =
Since DE = BE
then diagonal $\overline{DB}$
is bisected by AC
$m\overline{AE} = $
m <del>CE</del> =
Since AF & CE
then diagonal AC
18 bisected by DB