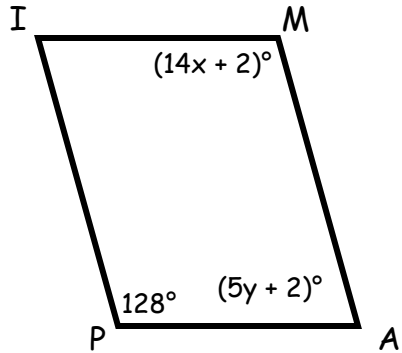
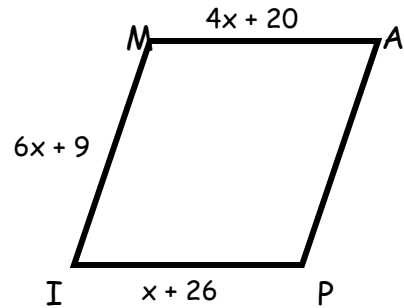


Each figure below is a parallelogram. Use the properties you know to solve for the given variables. Diagrams are not necessarily drawn to scale.

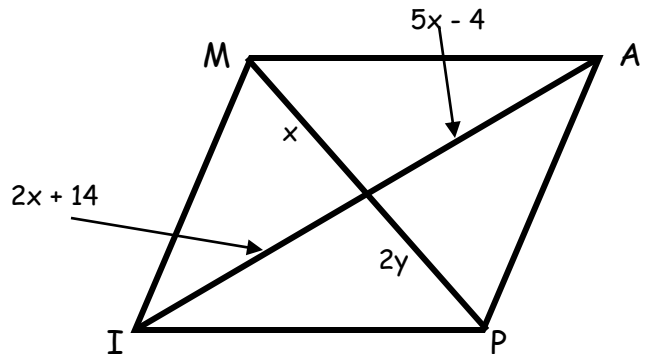
- 1) $x =$ _____
 $y =$ _____
 $m\angle M =$ _____
 $m\angle A =$ _____
 $m\angle I =$ _____



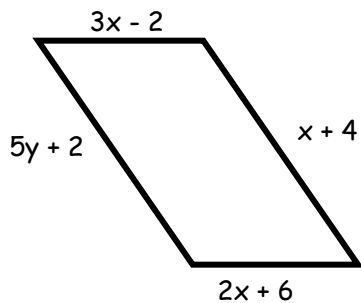
- 2) $x =$ _____
 $MA =$ _____
 $AP =$ _____
 $PI =$ _____
 $IM =$ _____

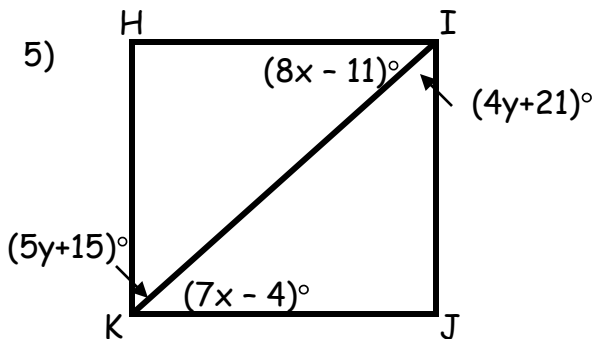


- 3) $x =$ _____
 $y =$ _____
 $MP =$ _____
 $IA =$ _____



- 4) $x =$ _____
 $y =$ _____





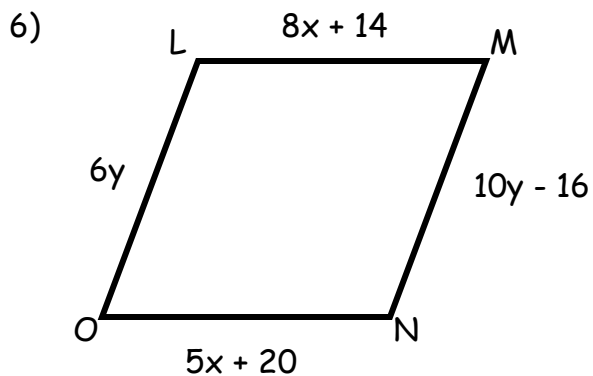
$x = \underline{\hspace{2cm}}$

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

$m\angle JIK = \underline{\hspace{2cm}}$

$m\angle JKI = \underline{\hspace{2cm}}$

$m\angle IJK = \underline{\hspace{2cm}}$



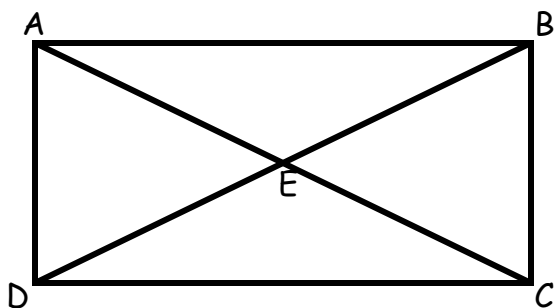
$x = \underline{\hspace{2cm}}$

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

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

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

7) $AE = 5x - 1$, $EC = 3x + 9$, $BD = 6x - 14$



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

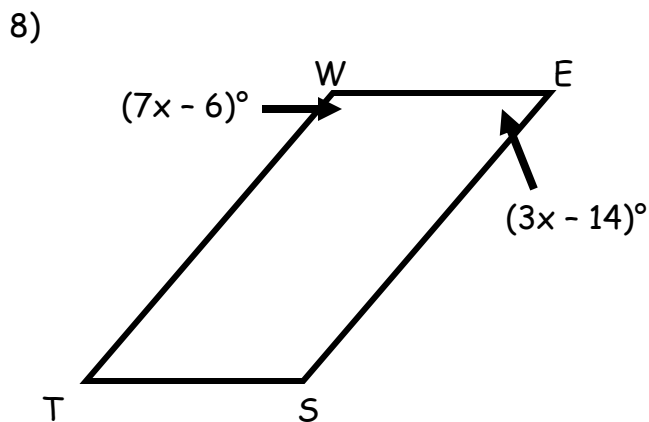
$AE = \underline{\hspace{2cm}}$

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

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

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

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



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

$m\angle W = \underline{\hspace{2cm}}$

$m\angle E = \underline{\hspace{2cm}}$

$m\angle S = \underline{\hspace{2cm}}$

$m\angle T = \underline{\hspace{2cm}}$