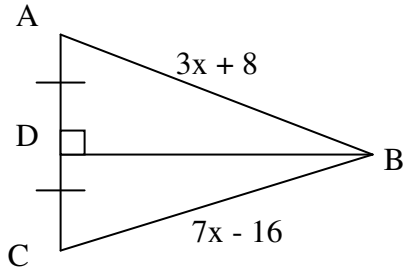
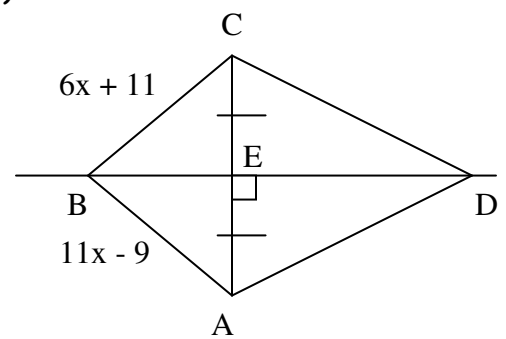


Practice Worksheet for Lesson 4-7 (part II)

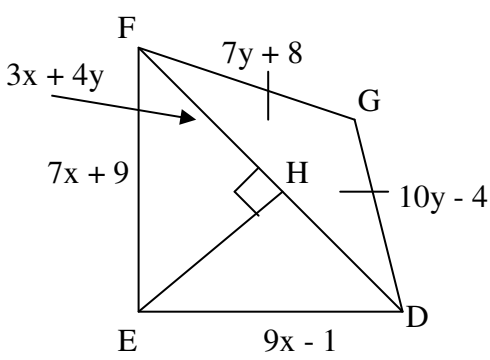
Name:

Mailbox #:

Use the diagrams and your notes to find the length of segment AB.

<p>1)</p> 	<p>2)</p> 
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Use the diagram. \overline{EH} is the perpendicular bisector of \overline{DF} . Find the following measures.

<p>3) EF =</p> <p>4) DE =</p> <p>5) FG =</p> <p>6) DG =</p> <p>7) FH =</p> <p>8) DF =</p>	
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G is the centroid of $\triangle ABC$, $AD = 8$, $AG = 10$, and $CD = 18$. Find the lengths of the following.

9) $BD =$

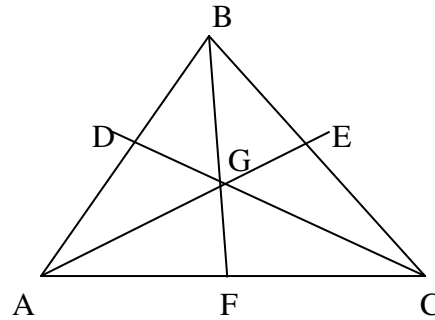
10) $AB =$

11) $EG =$

12) $AE =$

13) $CG =$

14) $DG =$



Point G is the centroid of $\triangle ABC$. Find the values of x .

15) $CG = 3x + 7$ and $CE = 6x$

16) $FG = x + 8$ and $AF = 9x - 6$

17) $BG = 5x - 1$ and $DG = 4x - 5$

