

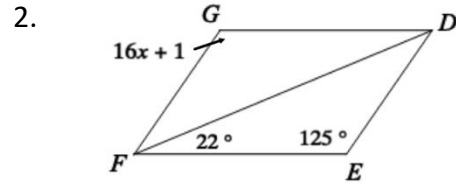
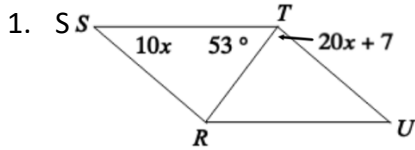
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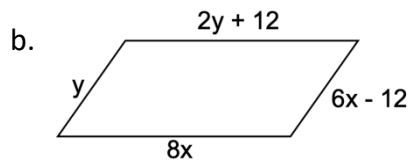
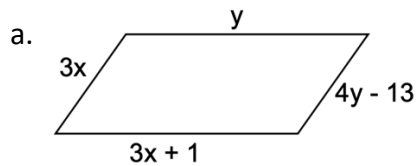
Hour:

Advanced Geometry  
WS PC #2 Review (7.1 – 7.3)

Find  $x$ .

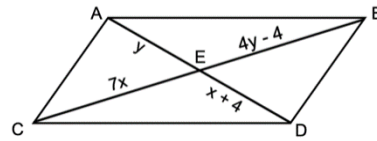


3. Given the quadrilaterals below, what value of  $y$  would allow you to conclude that the figure is a parallelogram?

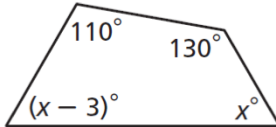


4. Find the measure of **each** angle of a regular octagon.
5. Find the **sum** of the interior angles of a convex pentagon.

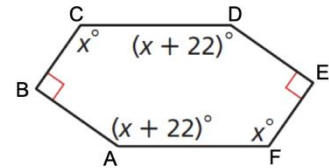
6. Given parallelogram ABCD, find BE.



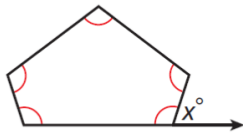
7. Find the value of  $x$ .



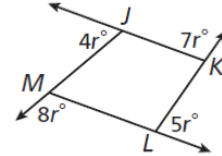
8. Find  $m\angle A$ .



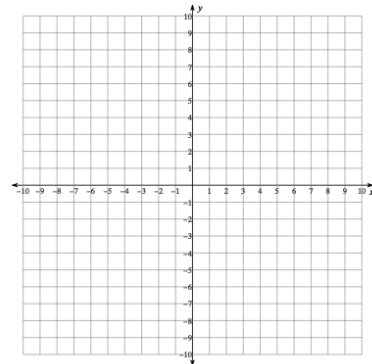
9. Find  $x$ .



10. Find  $m\angle JKL$ .



11. Three vertices of parallelogram  $DFGH$  are  $D(-9, 4)$ ,  $F(-1, 5)$ , and  $G(2, 0)$ . Find the coordinates of vertex  $H$ .



12. Three vertices of parallelogram  $PRTV$  are  $P(-4, -4)$ ,  $R(-10, 0)$ , and  $V(5, -1)$ . Find the coordinates of vertex  $T$ .

