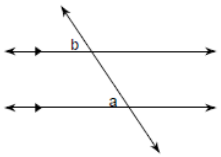
WS 6.1 *Parallel Lines and Transversals* Name: _____ Per: ____

Describe each pair of angles as Alternate Interior, Alternate Exterior, Consecutive, or Corresponding Angles.

1)



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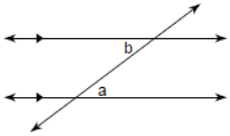

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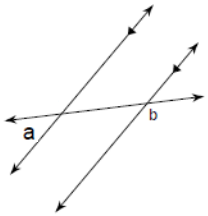

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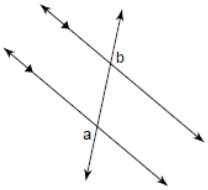

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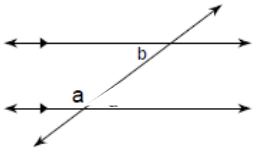

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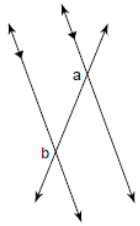

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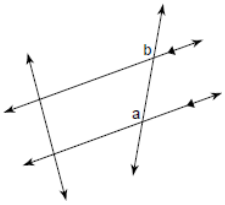

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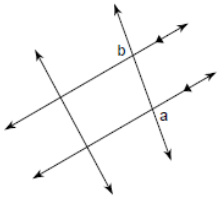

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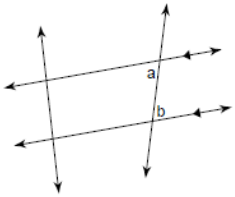
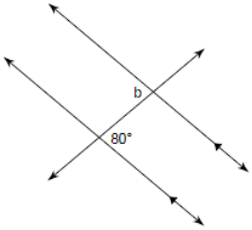


Find the measure of angle b.

10)



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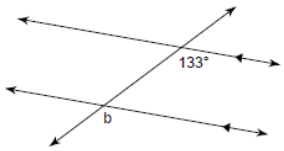

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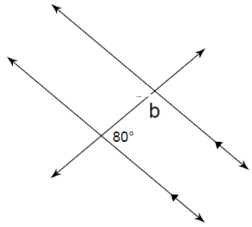

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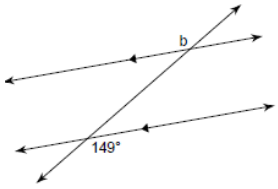

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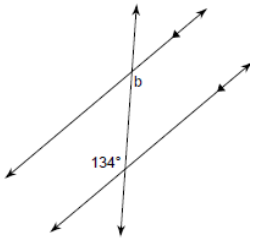

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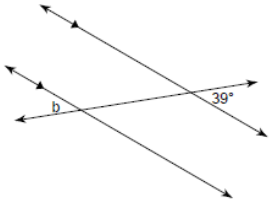
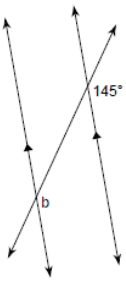
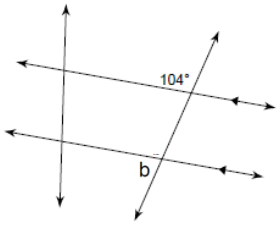


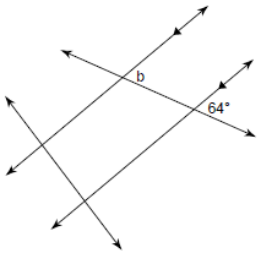
16)



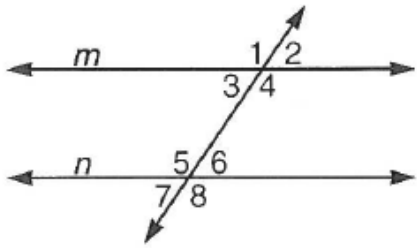
17)



18)



To the right of each question…circle the answer that best completes each statement below. Refer to the figure at the right, where $m \parallel n$.



19) In the figure, the angles 1, 2, 7, and 8 are:	Interior angles	Exterior angles
20) The angles labeled 3, 4, 5, and 6 are:	Interior angles	Exterior angles
21) Pairs of angles such as those labeled 1&5, or 4&8 are:	Corresponding angles	Consecutive angles
22) The angles labeled 3 and 6 are:	Alternate interior	Alternate exterior
23) The angles labeled 1 and 5 are:	Consecutive angles	Corresponding angles
24) The angles labeled 2 and 8 are:	Alternate exterior	Consecutive angles
25) If two parallel lines are cut by a transversal, then corresponding angles are:	Supplementary	Congruent
26) A line that intersects two or more lines at different points is a:	Transversal	Bisector
27) Two lines that intersect at right angles are:	Parallel	Perpendicular
28) If $m\angle 1$ is 125°, then $m\angle 5$ is	55°	125°
29) If $m\angle 3$ is 60°, then $m\angle 7$ is	60°	120°
30) If $m\angle 6$ is 80°, then $m\angle 4$ is	80°	100°
31) If $m\angle 1$ is 110°, then $m\angle 8$ is	70°	110°
32) If $m\angle 1$ is 120°, then $m\angle 7$ is	60°	120°
33) If $m\angle 2$ is 68°, then $m\angle 7$ is	68°	112°
34) If $m\angle 3$ is 76°, then $m\angle 5$ is	76°	104°