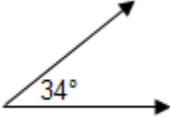
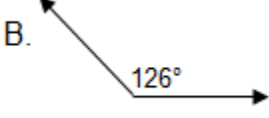


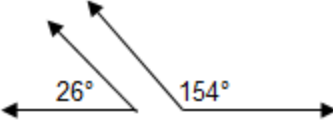
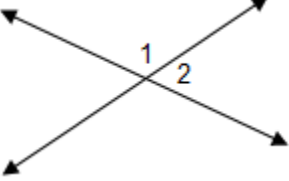
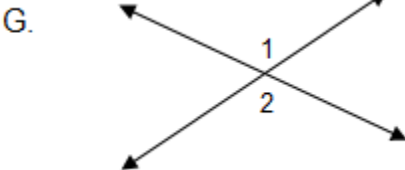
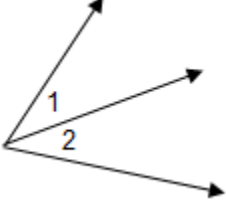
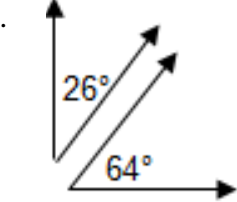
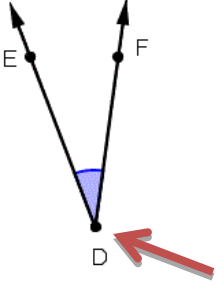
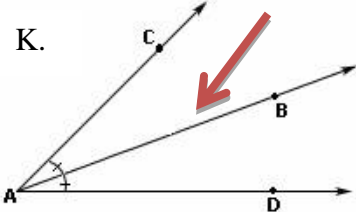


UNIT #2 REVIEW: ANGLE BASICS

PART 1. ANGLE TERMS

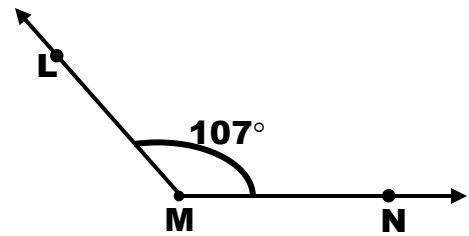
Match the term with the picture for each of the following terms.

TERM	PICTURE	
1. ____ Vertex	A. 	B. 
2. ____ Acute Angle	C. 	D. 
3. ____ Adjacent Angles	E. 	F. 
4. ____ Straight Angle	G. 	H. 
5. ____ Linear Pair	I. 	J. 
6. ____ Obtuse Angle	K. 	
7. ____ Vertical Angles		
8. ____ Right Angle		
9. ____ Supplementary Angles		
10. ____ Complementary Angles		
11. ____ Angle Bisector		

PART 2. ANGLE BASICS

Use the figure below to answer the following questions. Be sure to use appropriate symbols where necessary.

12. _____	Name the angle.
13. _____	Name the vertex.
14. _____	Name the sides.
15. _____	Classify the angle.



Find the measures indicated.

16. $x =$ _____ $m\angle SQR =$ _____	$m\angle PQR = 87^\circ$, $m\angle PQS = (5x - 3)^\circ$, and $m\angle SQR = (2x - 1)^\circ$
17. $x =$ _____ $m\angle EFG =$ _____	\overrightarrow{FH} bisects $\angle EFG$. $m\angle EFH = (8x - 3)^\circ$ and $m\angle HFG = (4x + 9)^\circ$.

Classify the angles described.

18. _____	An angle with a measure of 33° .
19. _____	An angle with a measure of 111° .
20. _____	An angle with a measure of 89.9° .
21. _____	An angle with a measure of 180° .

PART 3. SPECIAL ANGLE PAIRS

Find the value of 'x'.

<p>22. $x =$ _____</p>	
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For each of the following, identify the type of angle pair, and find the measures of the labeled angles.

<p>23. Type: _____</p> <p>_____</p>	<p>$m\angle A + m\angle B = 90^\circ$</p>
<p>24. Type: _____</p> <p>_____</p>	
<p>25. Type: _____</p> <p>_____</p>	
<p>26. $m\angle WXZ =$ _____</p>	<p>If $m\angle WXY = 98^\circ$ and $m\angle YXZ = 43^\circ$, find the $m\angle WXZ$.</p>

_____27.	A pair of complementary angles will add up to _____ A. 90° B. 180° C. 270° D. 45°
_____28.	If $\angle 1$ and $\angle 2$ are supplements, with $m\angle 1 = (3x + 40)^\circ$ and $m\angle 2 = (3x + 8)^\circ$, find the value of 'x'

PART 4. REVIEW

29. $d =$ _____	Find the distance between -11 and -27 on a number line.
30. $d =$ _____	Find AB if $A(-4, -2)$ and $B(4, -1)$.
31. $x =$ _____	R is the midpoint of \overline{PS} . Find the value of 'x' if $PR = 6x - 1$ and $PS = 8x$.
32. Midpoint: (_____, _____)	Find the coordinates of the midpoint of \overline{AB} if $A(-2, 3)$ and $B(3, -2)$.