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CYU 1.5 Measuring & Constructing Angles AND 1.6 Describing Pairs of Angles

☐ Use when you get it right all by yourself

S Use when you did it all by yourself, but made a silly mistake

HUse when you could do it alone with a little help from teacher or peer

G Use when you completed the problem in a group

X Use when a question was attempted but wrong (get help)

NUse when a question was not even attempted

CONCEPTS	BASIC	INTERMEDIATE	ADVANCED
Adjacent & nonadjacent angles	5 0 0 0 5	7, 8	
Complementary & Supplementary angles			
Linear Pair	6		PROBLEM STATE
Vertical Angles	5		
Interior/Exterior of an Angle	1		
Naming & Classifying Angles	2, 3, 4, 5	1,379.83	
Angle Bisectors		8	1984

 $A_1 = 1$. Name all the points in the interior of \angle SNB.

 $\leq FN \leq 2$. Give another name for \angle SNF.

NB NS 3. Name the sides of \angle BNS.

___4. Name the vertex of ∠ TNB.

∠FNT \$45N€5. Name a pair of vertical angles.

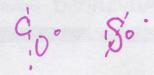
Find m ∠ PQS

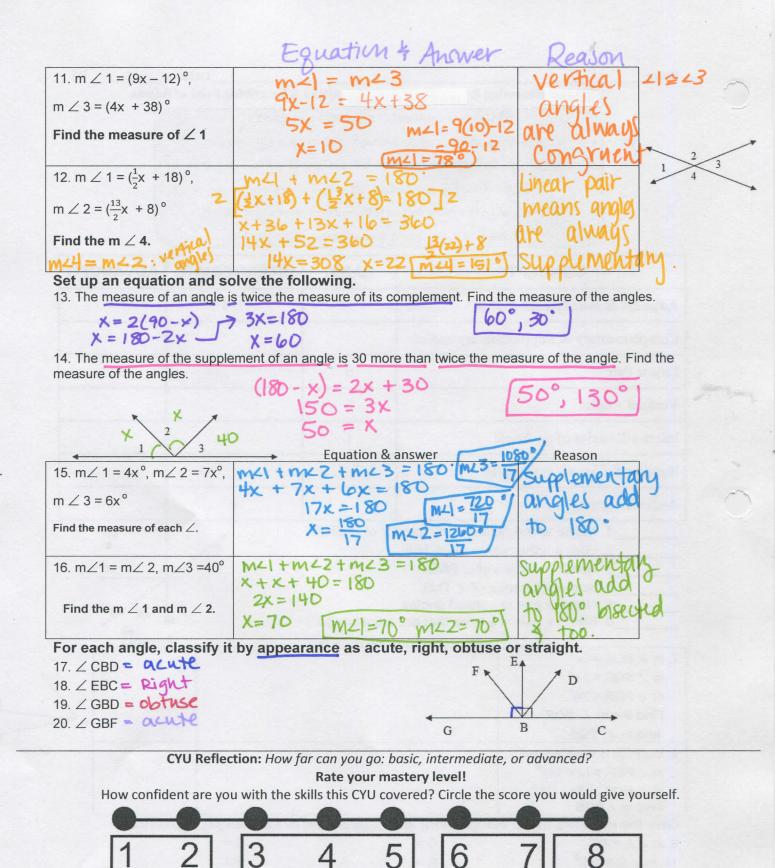
LENT LATING. Name a pair of angles that are a linear pair.

	Equation & answer	Reason
7. m \angle PQS = $6x^{\circ}$	m2PQS=m2PQR+m2RQS	Anale
$m \angle SQR = 2x^{\circ}$	6x = 24 + 2x	- There
$m \angle PQR = 24^{\circ}$	4x = 24 (m2PQS=66)=36	· Addition
Find the m ∠ SQR	V-10 M 450R=2(6)=12	· Doctulate
and m∠ PQS	M< PQR = 240	Posinuic
8. If ∠PQS is bisected and	mcpar=mcras	as Bisect,
$m \angle PQR = (x + 14)^{\circ}$	x + 14 = 3x - 18 2(mcfor)=	posmeans cut
$m \angle RQS = (3x - 18)^{\circ}$	32 = 2x 2(16+14)=2	(30) in half

Give the measure of the complement and supplement of each angle, if possible.

9. m
$$\angle A = 40^{\circ}$$
 90-40 180-40 C = 50° S = 140
10. m $\angle C = 102^{\circ}$ 180-102 C = no + possible S = 78°





Intermediate

Advanced Solved ALL!

Basic