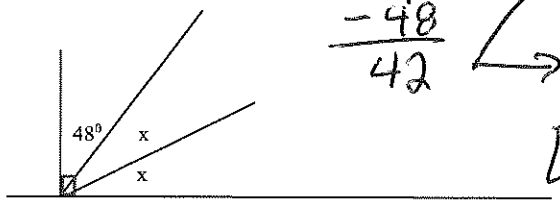
Angles, Complements, Supplements, Bisectors, and Types Name_____

1. Complete the Table

Angle Measure	Angle Type	Complement of Angle	Supplement of Angle	Bisected Angle Measure
30^0	ACUTE	$90-30=60^\circ$	$180-30=150^\circ$	$30\div2=15^\circ$
$90-25=65^\circ$	ACUTE	25^0	$180-65=115^\circ$	$65\div2=32.5^\circ$
$180-62=118^\circ$	OBTUSE	N/A	62^0	$118\div2=59^\circ$
$45\times2=90^\circ$	RIGHT	N/A	$180-90=90^\circ$	45^0

Determine the Measure of Angle x

2.



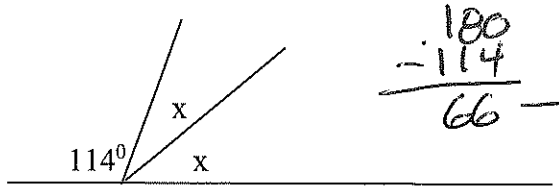
$90-48=42$

$\frac{2x}{2}=\frac{42}{2}$ OR $\frac{42}{2}=21^\circ$

$x=21^\circ$

} two ways.

3.



$180-114=66$

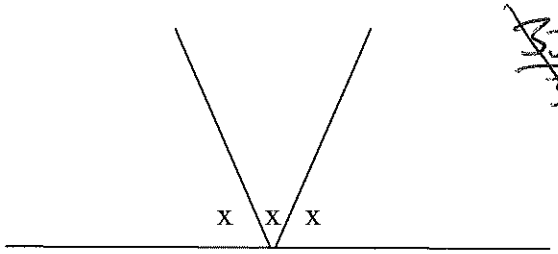
$\frac{66}{2}=33^\circ$

OR

$\frac{2x}{2}=\frac{66}{2}$

$x=33^\circ$

4.



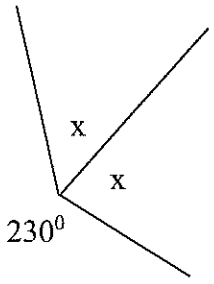
$\frac{3x}{3}=\frac{180}{3}$

$x=60^\circ$

OR

$\frac{180}{3}=60^\circ$

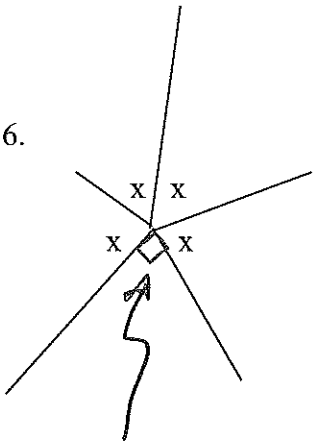
5.



$360 - 230 = 130°$ → $130° \div 2 = 65°$

OR $\frac{2x}{2} = \frac{130}{2}$, $x = 65°$

6.



$360 - 90 = 270$ → $\frac{4x}{4} = \frac{270}{4}$, $x = 67.5°$

OR $270 \div 4 = 67.5$

Answers

Angle Measure	Angle Type	Complement of Angle	Supplement of Angle	Bisected Angle Measure
30^0	Acute	60	150	15
65	Acute	25^0	115	32.5
118	Obtuse	NA	62^0	59
90	Right	NA	90	45^0

2. x=21 3. x=33 4. x=60 5. 65 6. 67.5