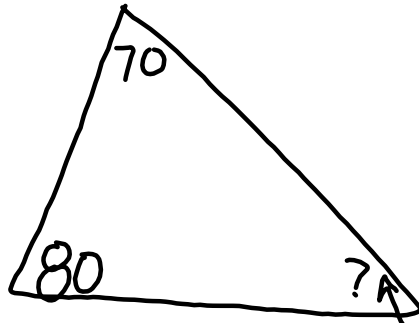
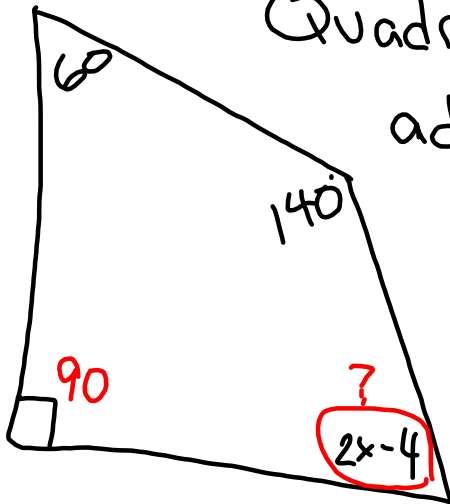


Notes Mar 13

Sum of Triangles is always
 180°



$$180 - 70 - 80 = 30^\circ$$



Quadrilaterals always
add to 360°

$$360 - 60 - 140 - 90 = ? = 70$$

$$2x - 4 = 70$$

$$+4 \quad +4$$

$$\frac{2x}{2} = \frac{74}{2}$$

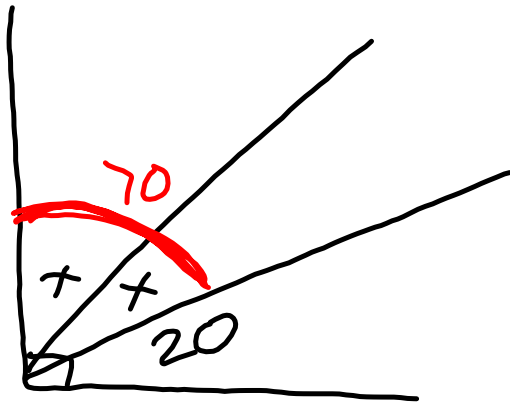
$$x = 37$$

COMPLEMENTS - Add to 90°

SUPPLEMENTS - Add to 180°

BISECT - cut in half.

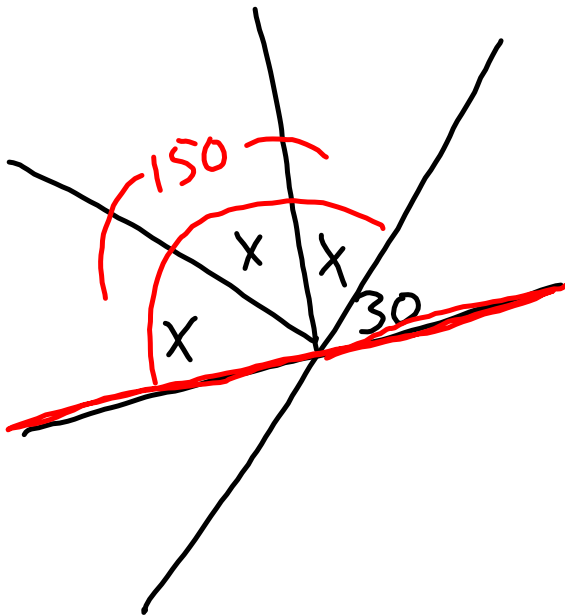
Angle	Type	COMPLEMENT	Supplement	Bisected
40	Acute	50	140	20
120	Obtuse	NA	60	60



Solve for x

$$\frac{2x}{2} = \frac{70}{2}$$

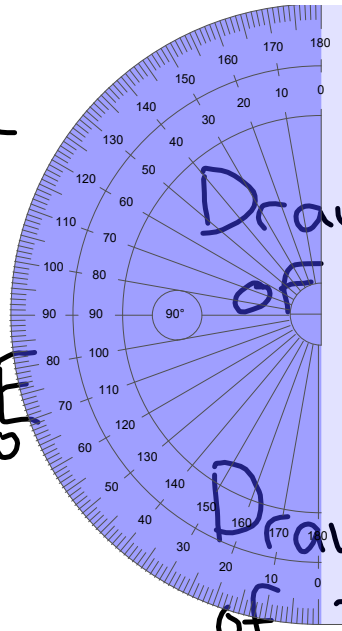
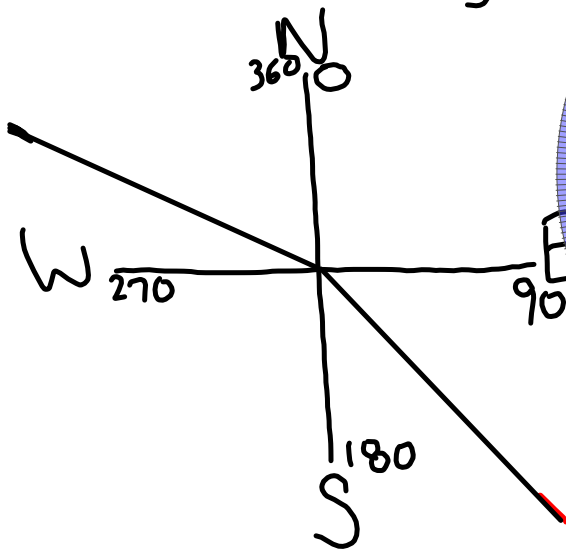
$$x = 35$$



$$\frac{3x}{3} = \frac{150}{3}$$

$$x = 50$$

Bearings

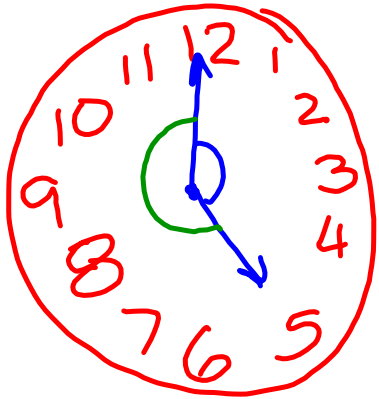


Draw a bearing
of **135°**

Draw a bearing
of 293°

* $293 - 180 = 113$

I need 113° beyond
180°



Determine the
angle between
the hands at
5:00

Each hour represents $\frac{360}{12} 30^\circ$

$$5 \times 30^\circ = 150^\circ$$

Reflex Angle

$$7 \times 30 = 210^\circ$$