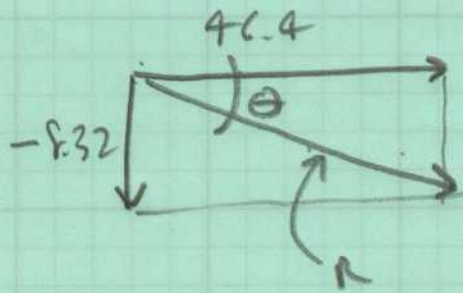


≈ 50

$\approx 11.3^\circ$

	Mk	θ	\cos X	\sin Y
1	50	70	$\rightarrow 17.10$	46.98
2	70	-10	$\rightarrow 68.94$	-12.15
3	60	246.80	$\rightarrow -23.64$	-55.15
4	20	143.13	$\rightarrow -16$	12
\bar{r}	47.14	10.17	$\leftarrow 46.4$	-8.32



$$\theta = \tan^{-1} \left(\frac{-8.32}{46.4} \right)$$

	M _{Ag}	θ	X	Y
1	200	30	173.21	100
2	100	-15	70.71	-70.71
3	50	270	0	-50
4	400	180	-400	0
5	300	120	-150	259.81
\bar{R}	388.41	142.01	-306.09	239.1

$$\frac{.577}{1}$$

	MAS	θ	X	Y
1	900	90°	\emptyset	900
2	1000	\emptyset°	1000	\emptyset
3	600	-60°	300	519.62
\bar{r}	1354.51	16.31°	1300	380.38