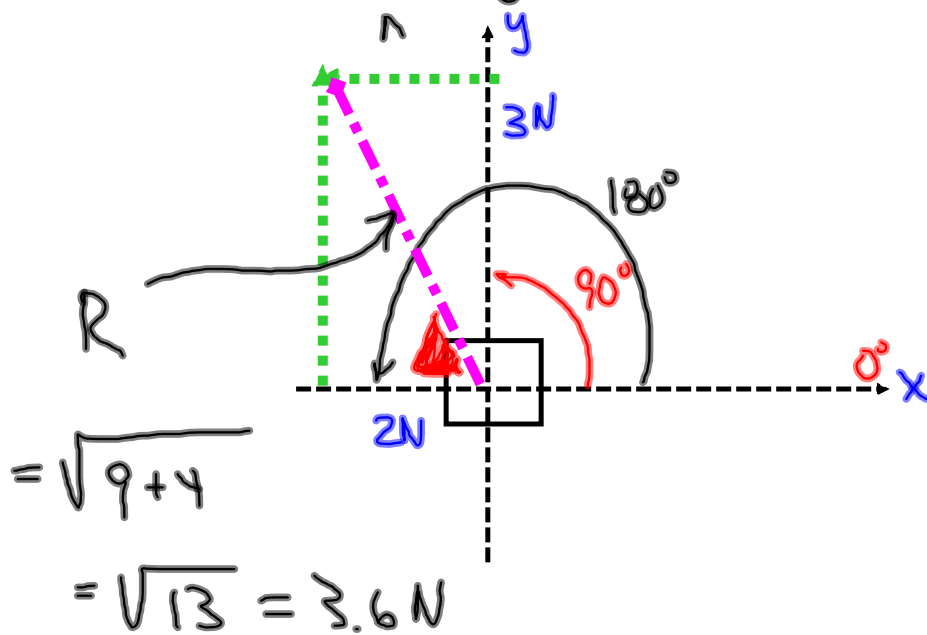
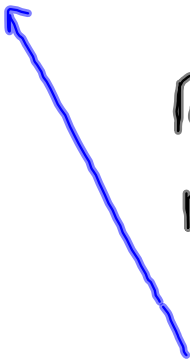
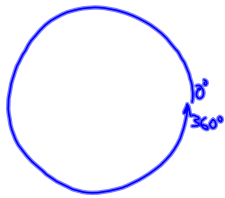


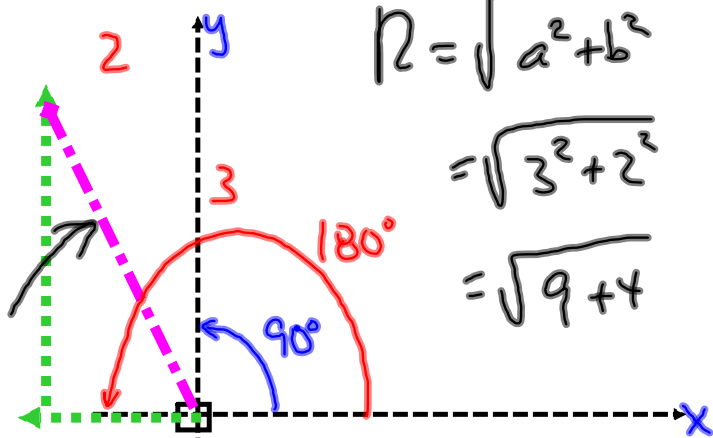
NEWTON  $\rightarrow$  UNITY FORCE





$$R = 3.6$$

$R \rightarrow$  RESULTANT



$$R = \sqrt{a^2 + b^2}$$

$$= \sqrt{3^2 + 2^2}$$

$$= \sqrt{9 + 4}$$

$$= \sqrt{13}$$

$$= 3.61 \text{ N}$$

LG		PALE MEAS.	TAPE MEAS.	
1	707	291 paces	<u>771</u> FT	291 x 2.43
2	?	325 paces	<u>1505</u> FT	325
3	573.2	297 paces	<u>758.25</u> FT	297 x 1.93
		459 p	<u>3.29</u> FT M	

LG	LENGTH VIA PALE	LENGTH Via TAPE M.	
1	648 FT	746 FT	} $(324) \frac{2 \text{ FT}}{P}$
2	660 FT	757 FT	
3	824 FT	746 FT	} $L_{NG} =$ } $\rightarrow 753.4 \text{ FT}$ } <u><u>753.4 \text{ FT}</u></u>
4	727 FT	768 FT	
5	749 FT	750 FT	

$$\frac{[753.4 \text{ FT}]}{[3.28 \frac{\text{FT}}{\text{M}}]} = 229.7 \text{ M}$$

$$\frac{753.4 \text{ FT}}{5280 \frac{\text{FT}}{\text{Mile}}} = 0.143 \text{ Mile}$$