•	Formula for Arc Length: $M = \theta r$ $360^{\circ}$ av $37$ radians radius
	O=radians r=radias
	Find the measure of the central angle of a circle with radius 75ft and arc
	Formula for Angular Speed:  AS=  AS=  AS=  AS=  AS=  AS=  AS=  AS
•	Formula for Linear Speed: $\frac{LS = \frac{r\theta}{E}}{O}$ or $\frac{LS = AS \circ r}{O}$ or $\frac{LS = AS \circ r}{$
21	.A lawn roller with a 10-inch radius makes 1.2 revolutions per second.
a.	Every revolution = 2 TT radians  1. 2.27 - 2.47 rad/sec  Find the angular speed of the roller in radians per second:
b.	$\frac{10^{\circ}2.41^{\circ}}{10^{\circ}2.41^{\circ}} \approx 75.398 \text{ m/sc}$ .  Find the linear speed of the tractor that is pulling the roller:
22	A car has tires with a 20 inch diameter and they turn at 1.5 revolutions per second. $ 1.5 \text{ at } = \text{anyle rotated} $ $ 3\pi = \text{anyle rotated} $
a.	377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 = 377 =
b.	180 TT · 10 = 1800 TT in mun  How fast is the car traveling down the road?:  LS = AS or  Could you convert this to myn   12 in = 184  5280 ft = 1 mi  1 min   1 hr   1 mi  Thin   5280 ft   60 min = 1 hr.
	1 min 1 hr. 120 60 min 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1