

5-7 DRAW the Picture!

$$\cos \theta = \frac{4x}{3} + \tan \theta < 0,$$

 $4 \quad \text{find } \csc \theta$
 $5 - 3 \quad \csc \theta = \frac{1}{7} = \frac{5}{3}$
 $16 + y^{2} = \sqrt{3}$
 $y = \frac{1}{3}$
Complementary
 $\sec 27^{\circ} 14' = \csc 62^{\circ} 46'$
 $89^{\circ} 60'$
 $37^{\circ} 14'$
 $62^{\circ} 46'$

Special Angles - Most points! Convert deg = rads $T = /80^{\circ}$ Convert IIIT rad to dog $IIT = 180^{\circ}$ $0 = 180^{\circ}$ $180^{\circ} = 220^{\circ}$

Arc Length

$$S = r \Theta$$
 $A = \frac{1}{4} \Theta r^{2}$
 $Gamma = \frac{1}{2} \Theta r^{2}$
 $Gamma = \frac{1}{2} \Theta r^{2}$
 $Gamma = \frac{1}{2} \Theta r^{2}$
 $Fan thurns 500 rev. Black = 10 in.
How fast is center thurning?
 $W = \frac{1}{2} = \frac{500 \cdot 2\pi}{1 \text{ min}}$
 $Fan thurns 500 rev. Black = 10 in.
How fast is center thurning?
 $W = \frac{1}{2} = \frac{500 \cdot 2\pi}{1 \text{ min}}$
 $= (0007)T \frac{\text{val}}{1 \text{ min}}$
 $How fast is filly at end moving?
 $V = (0 \cdot 1000)T = 10,000TT = 31,416 \text{ in.}$
 $Min = \frac{1}{12} \text{ min} + \frac{60 \text{ min}}{1 \text{ hr}} = 30 \text{ min}$
 $A = \frac{1}{2} \Theta r^{2}$
 $A = \frac{1}{2} \Theta r$$$$

$$\frac{23}{100}$$

$$\frac{150'}{100}$$

$$\frac{150'}{100}$$

$$\frac{150'}{100}$$

$$\frac{100}{100}$$

$$\frac{100}{100}$$