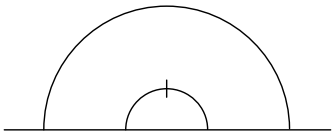
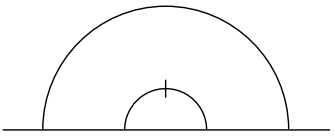
Name: Date: Due Date:

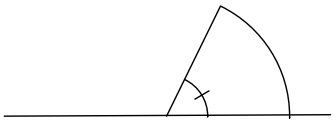
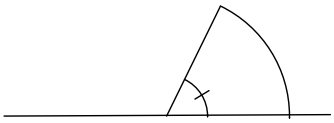
Convert $\frac{2\pi}{3}$ radians to degrees

1) Begin with a fundamental fact: π rads $= 180°$

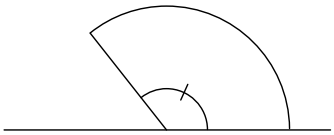
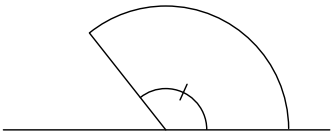
2) Divide both sides by 3: $\frac{\pi}{3}$ rads $= \frac{180°}{3}$

$\frac{\pi}{3}$ rads $= 60°$

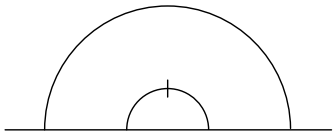
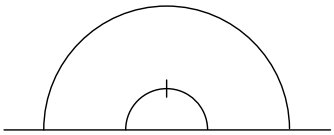



3) Multiply both sides by 2: $\frac{2\pi}{3}$ rads$= 2(60°)$

$\frac{2\pi}{3}$ rads $= 120°$

Convert $\frac{3\pi}{4}$ radians to degrees

1) Begin with a fundamental fact: π rads $= 180°$

2) Divide both sides by __: $\frac{\pi}{\quad}$ rads $= \frac{180°}{\quad}$

rads =

3) Multiply both sides by ___: rads=

rads =