Name_____Formative Assessment: Converting Angles Date_____Hour_____

For each angle in the table:

1) Rewrite as an exact radian measure (reduce when possible)

2) Give a two decimal place approximation of the radian measure

3) Circle which quadrant each angle lies in

4) Answer related question below table

400°		130°		65°		261°	
Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure
Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4	

Which conversion factor did you need to use? $\dfrac{\pi}{180}$ or $\dfrac{180}{\pi}$

Name_____Formative Assessment: Converting Angles Date_____Hour_____

For each angle in the table:

1) Rewrite as an exact radian measure (reduce when possible)

2) Give a two decimal place approximation of the radian measure

3) Circle which quadrant each angle lies in

4) Answer related question below table

320°		36°		126°		420°	
Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure
Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4	

Which conversion factor did you need to use? $\dfrac{\pi}{180}$ or $\dfrac{180}{\pi}$

For each angle in the table:

1) Rewrite as a two decimal place approximation of the degree measure

2) Circle which quadrant each angle lies in

3) Answer related question below table

$\frac{5\pi}{18}$ radians Approximate degree measure	$\frac{19\pi}{5}$ radians Approximate degree measure	2.6 radians Approximate degree measure	$\frac{12}{\pi}$ radians Approximate degree measure
Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4

Which conversion factor did you need to use? $\frac{\pi}{180}$ or $\frac{180}{\pi}$

For each angle in the table:

1) Rewrite as a two decimal place approximation of the degree measure

2) Circle which quadrant each angle lies in

3) Answer related question below table

$\frac{25\pi}{18}$ radians Approximate degree measure	$\frac{32\pi}{5}$ radians Approximate degree measure	5.6 radians Approximate degree measure	$\frac{18}{\pi}$ radians Approximate degree measure
Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4

Which conversion factor did you need to use? $\frac{\pi}{180}$ or $\frac{180}{\pi}$

Name_____Formative Assessment: Converting Angles Date_____Hour_____

For each angle in the table:

1) Rewrite as an exact radian measure (reduce when possible)

2) Give a two decimal place approximation of the radian measure

3) Circle which quadrant each angle lies in

4) Answer related question below table

250°		306°		170°		72°	
Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure
Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4	

Which conversion factor did you need to use? $\frac{\pi}{180}$ or $\frac{180}{\pi}$

Name_____Formative Assessment: Converting Angles Date_____Hour_____

For each angle in the table:

1) Rewrite as an exact radian measure (reduce when possible)

2) Give a two decimal place approximation of the radian measure

3) Circle which quadrant each angle lies in

4) Answer related question below table

20°		432°		54°		207°	
Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure	Exact radian measure	Approximate radian measure
Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4		Q1 Q2 Q3 Q4	

Which conversion factor did you need to use? $\frac{\pi}{180}$ or $\frac{180}{\pi}$

For each angle in the table:

1) Rewrite as a two decimal place approximation of the degree measure

2) Circle which quadrant each angle lies in

3) Answer related question below table

$\frac{29\pi}{18}$ radians Approximate degree measure	$\frac{8\pi}{5}$ radians Approximate degree measure	5.7 radians Approximate degree measure	$\frac{17}{\pi}$ radians Approximate degree measure
Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4

Which conversion factor did you need to use? $\frac{\pi}{180}$ or $\frac{180}{\pi}$

For each angle in the table:

1) Rewrite as a two decimal place approximation of the degree measure

2) Circle which quadrant each angle lies in

3) Answer related question below table

$\frac{11\pi}{18}$ radians Approximate degree measure	$\frac{7\pi}{5}$ radians Approximate degree measure	4.3 radians Approximate degree measure	$\frac{15}{\pi}$ radians Approximate degree measure
Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4

Which conversion factor did you need to use? $\frac{\pi}{180}$ or $\frac{180}{\pi}$