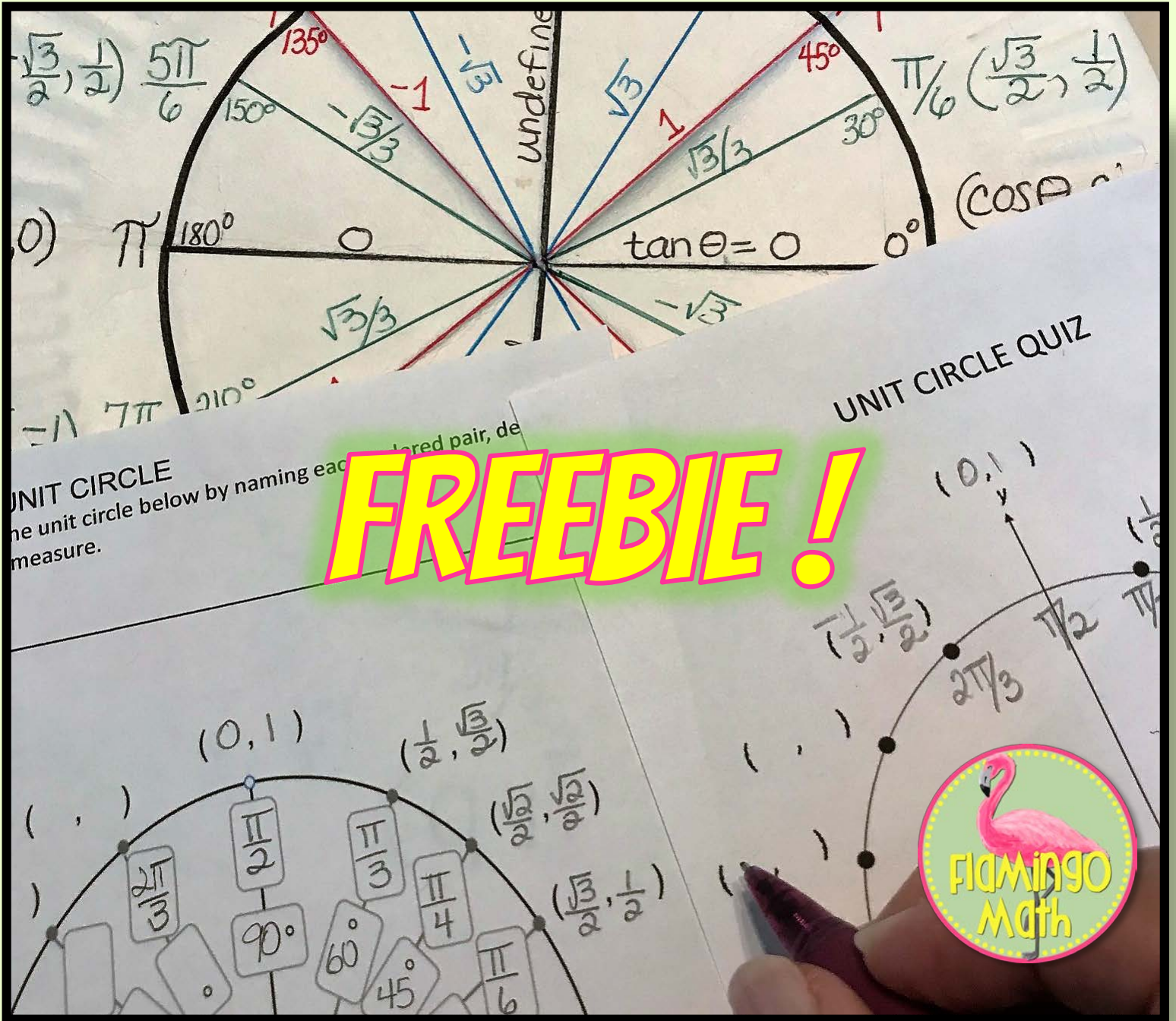


Unit Circle



FREEBIE!

UNIT CIRCLE QUIZ



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SMALL UNIT CIRCLE

OBJECTIVE:

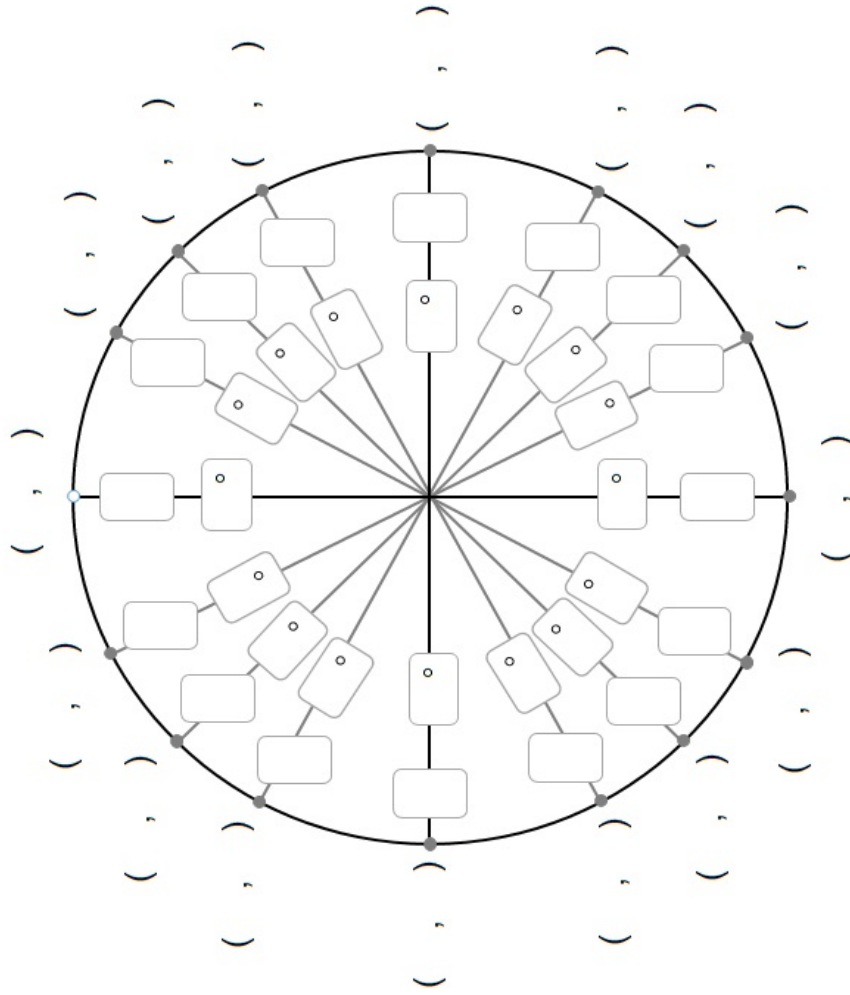
This is a free homework assignment from my unit on *Trigonometric Functions* for students to practice each ordered pair, degree, and radian measure for one complete revolution.

Please visit my store for more engaging task card activities.

BLANK UNIT CIRCLE

Name _____

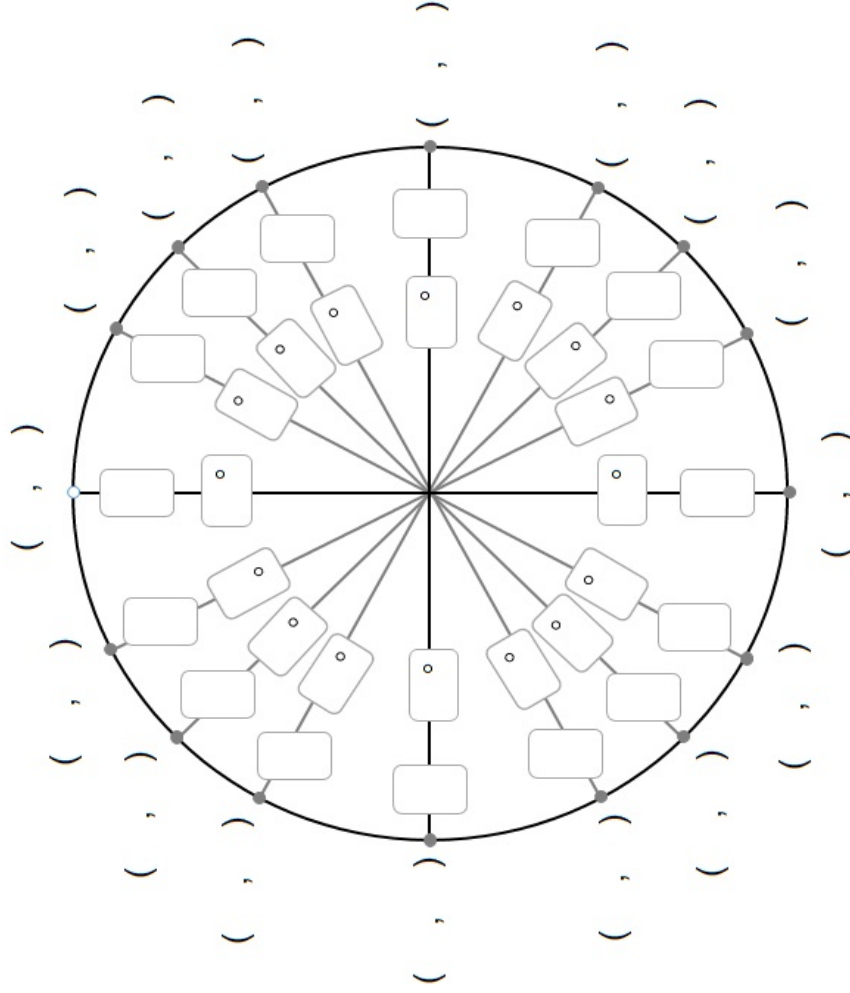
Complete the unit circle below by naming each ordered pair, degree, and radian measure.



BLANK UNIT CIRCLE

Name _____

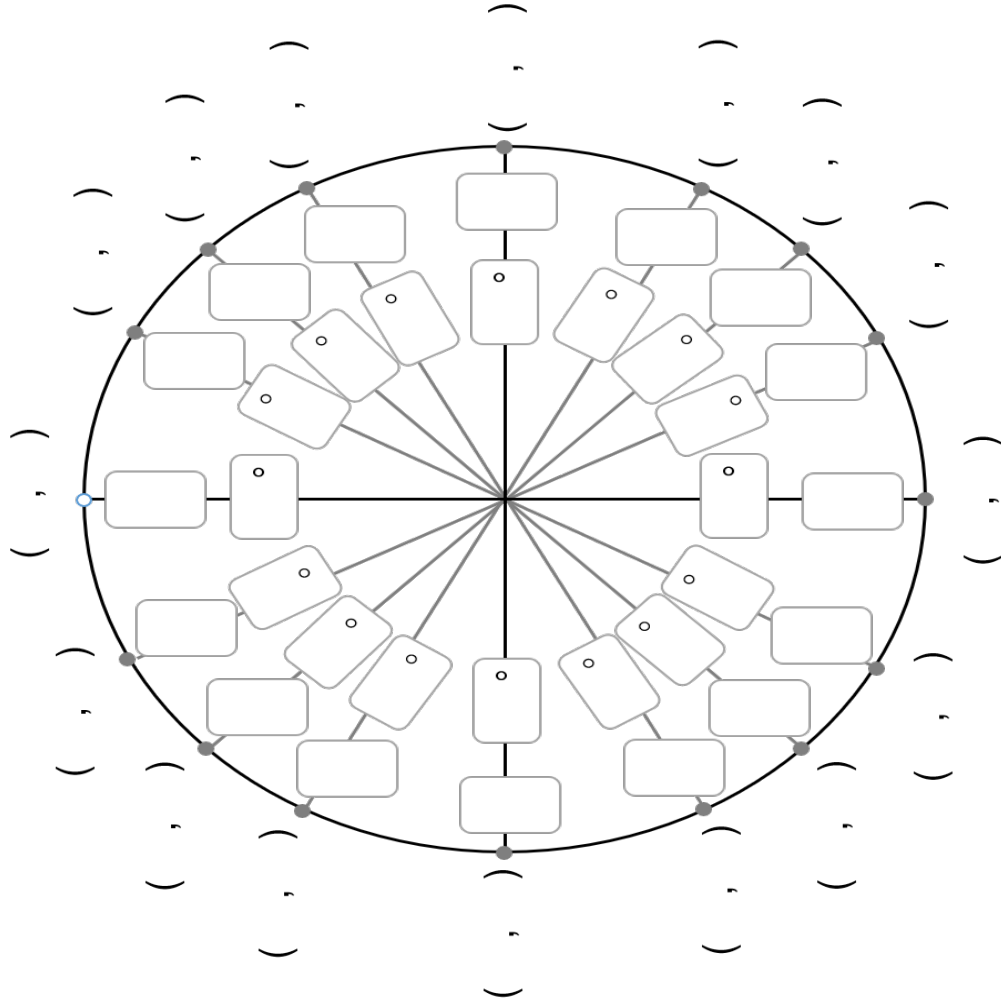
Complete the unit circle below by naming each ordered pair, degree, and radian measure.



BLANK UNIT CIRCLE

Complete the unit circle below by naming each ordered pair, degree, and radian measure.

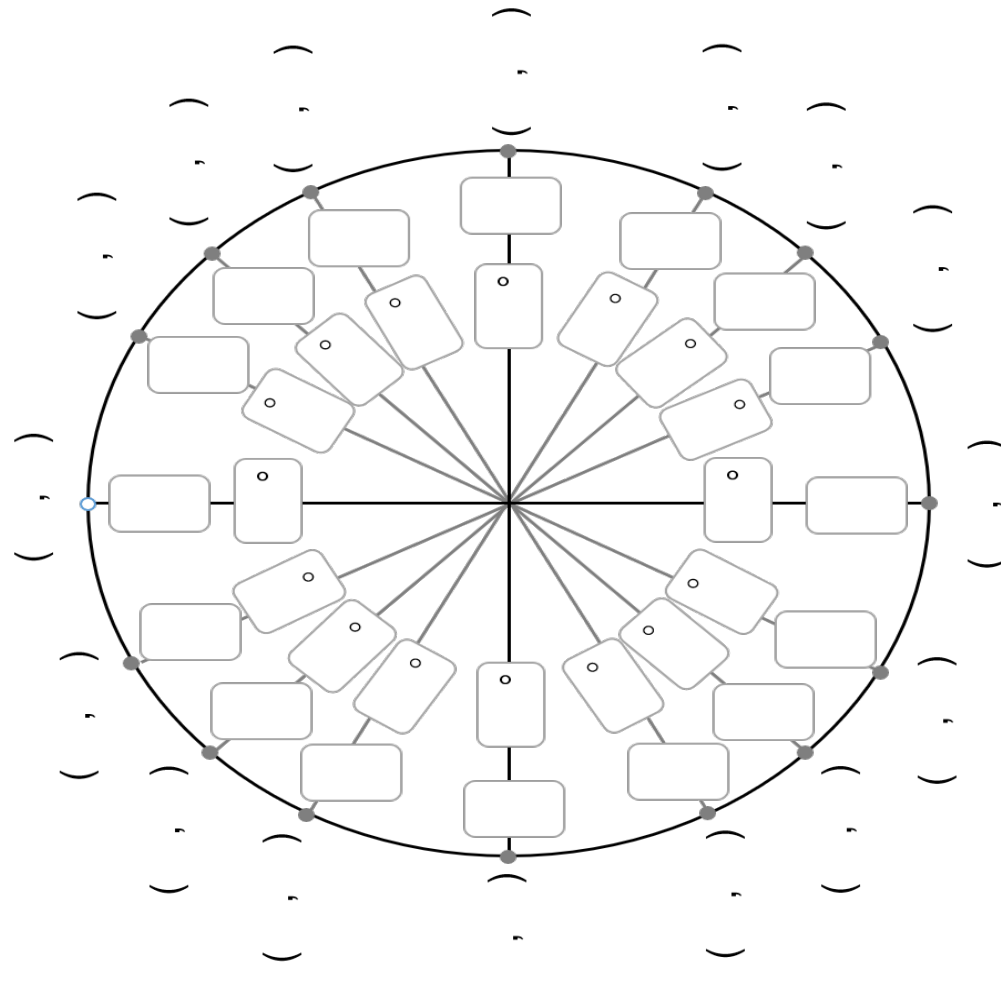
Name _____



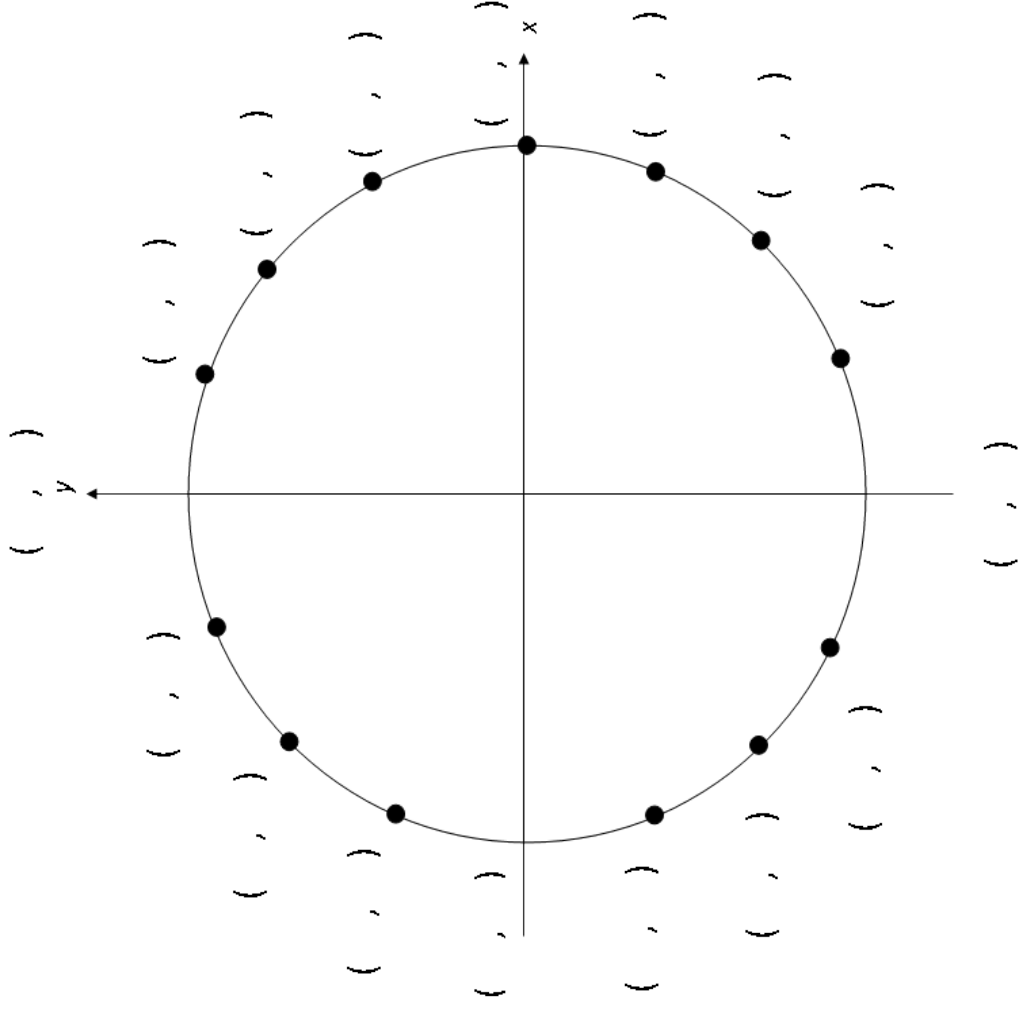
BLANK UNIT CIRCLE

Complete the unit circle below by naming each ordered pair, degree, and radian measure.

Name _____

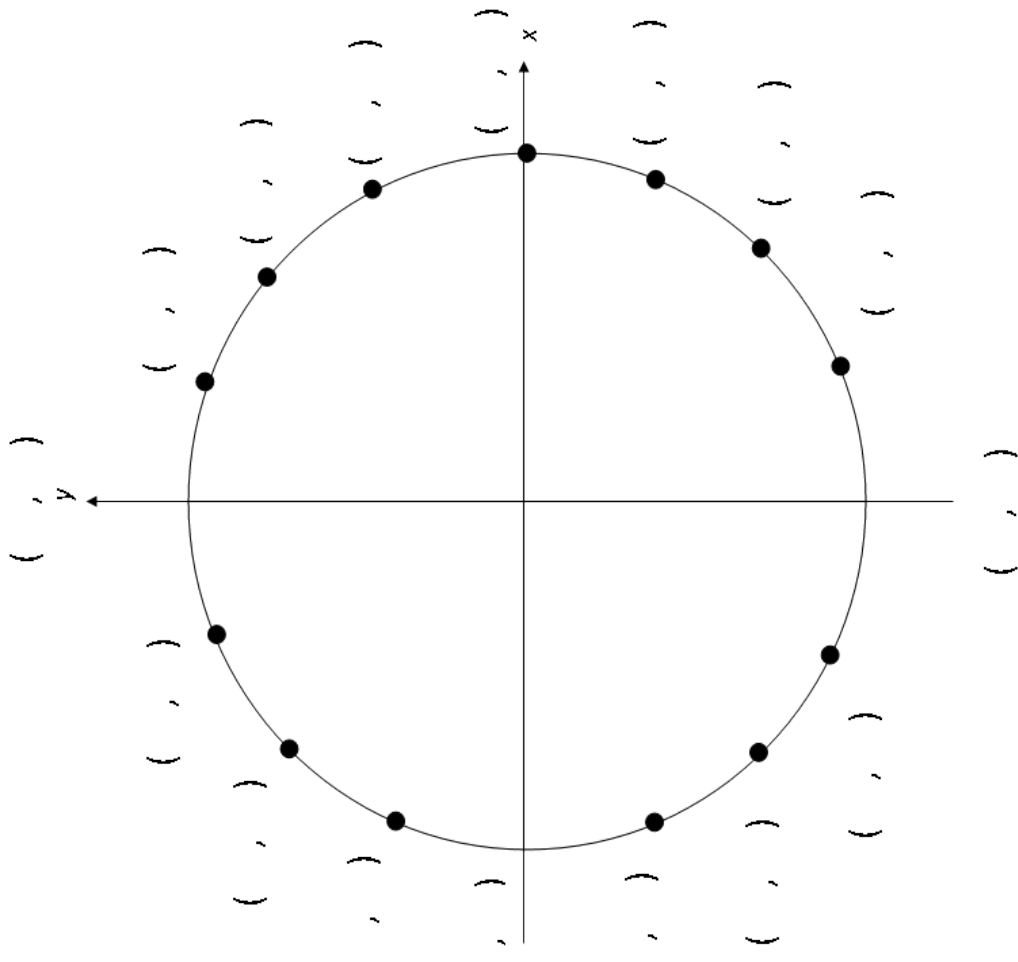


UNIT CIRCLE QUIZ



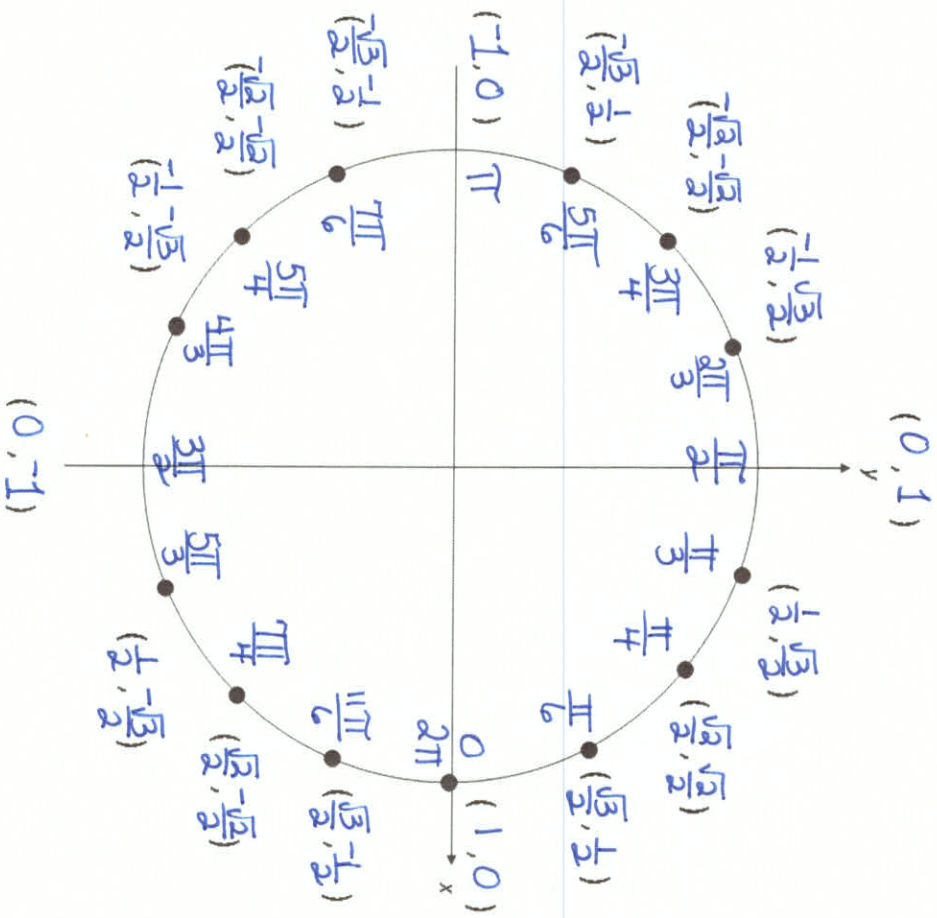
Name _____
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UNIT CIRCLE QUIZ

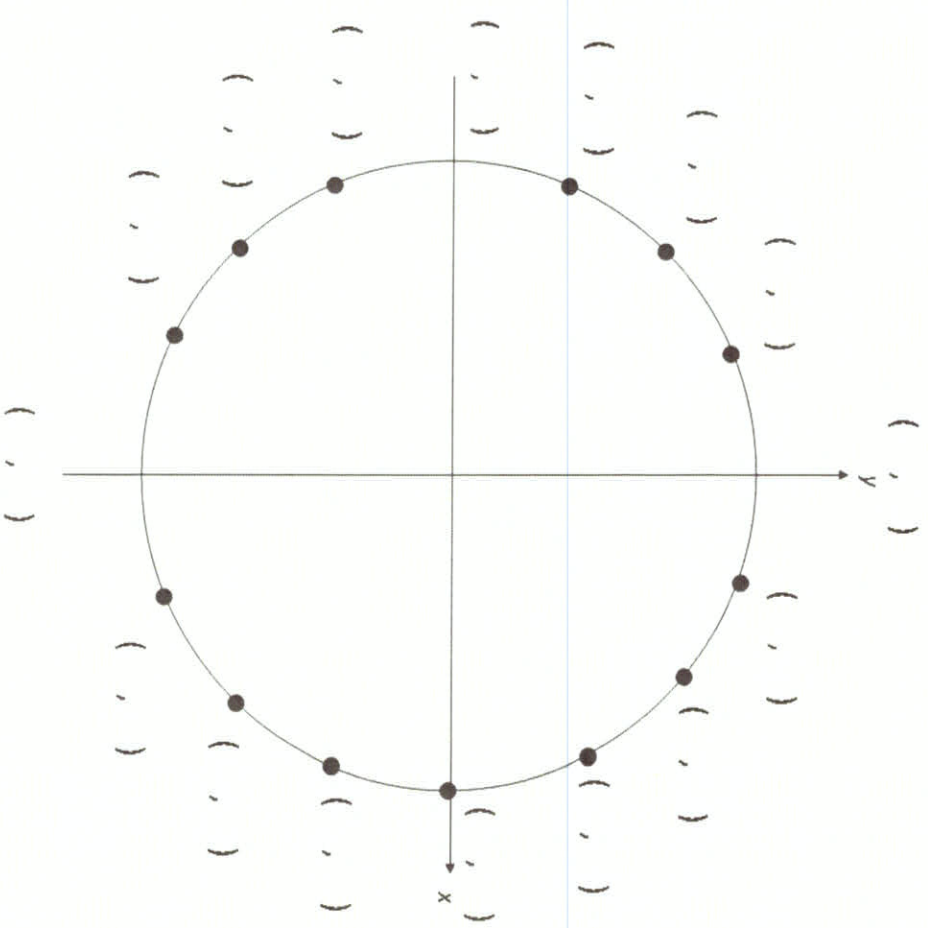


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UNIT CIRCLE QUIZ



UNIT CIRCLE QUIZ



Name _____

Key

Name _____

YOU MIGHT LIKE THESE OTHER TRIGONOMETRY PRODUCTS:

Trigonometric Graphs Stations Activity

T

Graph the function, state the amplitude, period, phase shift and translation. Label the five key points for the first cycle:

$$y = 2 \cos\left(\frac{1}{2}x\right) + 1$$

TRIGONOMETRIC GRAPHS LAB NAME Key

Key Points (0, 3) (π, 1)

TASK CARDS

Trigonometric Functions Relay

TASK CARDS

Answers:

- 87.04°
- $\frac{9\pi}{5} \approx 5.655$
- $\frac{60\pi}{9}$ cm ≈ 19.09 cm

Convert from degrees to radians 32°

Convert measure and answer to two places.

Use the arc length formula to find the radius, r :

40°

16 cm

$$s = r\theta$$

$$r = \frac{s}{\theta}$$

$$r = \frac{16 \text{ cm}}{\frac{4\pi}{15}}$$

$$r = \frac{60 \text{ cm}}{\pi}$$

TASK CARDS

Trigonometric Functions Task Cards

QR CODES

Find two coterminal angles, positive and one negative if angle $\theta = 3\pi$

Find sine, cosine of angle

17
8
x

TEXT QR CODE
Search Web in Safari
Contents: "73.480°"

TASK CARDS

Trigonometry Graphing Match-Up

TASK CARDS

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$y = 2 \sin \frac{1}{2}x$

$y = -2 \sin x$

This graph is a reflection of the parent graph $y = \cos x$. The amplitude is 2, there is a horizontal shrink factor, so the period is π .

TASK CARDS

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