

1

Convert 72° to radians
in terms of π .

2

What is the
complement of $\pi/5$?

3

What do you have if
you take 2 apples
from 7?

4

What is $\csc 225^\circ$?

5

Use your calculator to
find $\sec 107^\circ$.

6

Find the trig value of
 $\tan 3\pi/2$.

7

Use your calculator to
find $\tan \Theta = -2.5814$

8

Name a negative
conterminal angle for
 $6\pi/11$.

9

What quadrant is
-4.82 in?

10

What is supplement
of $87^{\circ}42'35''$?
Calc ok.

11

What is the reference
angle of $14\pi/9$?

12

What is the angular
speed of a disk
spinning at 42
rev/min?

13

If $\sin\Theta = 1/3$ in quadrant 2, what is the value of $\cot\Theta$?

14

Find Θ , in radians, if $\tan\Theta = -1/\sqrt{3}$.

15

Find the ratio of $\sec \pi$.

16

Use your calculator to find Θ , in degrees, for $\sec\Theta = 1.4823$.

17

Find the
supplement of 132° .

18

What is the radius of a
circle with the central
angle $\theta = 122^\circ$ and arc
length of 22 inches?

Calc ok

19

What is the ratio of
 $\cos 120^\circ$?

20

Find θ over the interval

$$0 \leq \theta < 360^\circ,$$

$$\text{if } \cos \theta = -0.825$$

Calc ok

21

Convert $\frac{7\pi}{5}$ to degrees. Reduce your answer.

22

Name the central angle, in degrees, when the arc length is 25', and radius is 15 inches? (calc ok)

23

Find θ in radians when $\sin\theta=0$.

24

Name one positive and one negative coterminal angle for $\frac{5\pi}{7}$

