Give answers to 4 decimals places unless otherwise indicated as "exact".

11. What rotation is co-terminal to $\frac{-17\pi}{6}$ (within the restriction) $[0,2\pi[$.

Answer (**exact**):_____

12. In which quadrant is the trig point $P(-1336^o)$?

Answer:_____

13. Given a circle (with center O) whose arc $\overset{\frown}{AB}$ has a length of 40 cm and a radius of 6 cm, find the corresponding central angle ($\measuredangle AOB$) in radians.

Answer(**exact**):_____

14. What is the exact value of $cot\frac{7\pi}{6}$?

Answer (**exact**):_____

15. If $secx = \frac{5}{4}$, then what is the value of $sinx$?

Answer (**exact**):_____

16. Knowing that $\pi \le t \le \frac{3\pi}{2}$, find the value of t, if $sint = -0.3$

Answer :_____

17. What is the exact value of $sin\frac{-5\pi}{3}$?

Answer:_____

18. In which quadrant is $P(-5)$?

Answer:_____

19. Given the trig point $P(\theta) = \left(-\frac{4}{5},\dots\right)$, and knowing that $P(\theta)$ is located in the 2nd quadrant, determine the value of $\tan\theta$.

Answer (**exact**) :_____

20. Are the following rotations co-terminal: $\frac{3\pi}{4}$ and $\frac{-29\pi}{4}$

Answer:_____

Give answers to 4 decimals places unless otherwise indicated as "exact".

1. Find the rotation co-terminal to $\frac{-17\pi}{6}$ within the restriction $[0,2\pi[$.

Answer (**exact**):_____

2. In which quadrant would you find trig point $P(-1336^o)$?

Answer:_____

3. Given a circle (with center O) whose arc $\overset{\frown}{AB}$ has a length of 40 cm and a radius of 6 cm, find the corresponding central angle ($\measuredangle AOB$) in radians.

Answer(**exact**):_____

4. What is the exact value of $cot\frac{7\pi}{6}$?

Answer (**exact**):_____

5. If $secx = \frac{5}{4}$, then what is $sinx$?

Answer (**exact**):_____

6. Knowing that $\pi \le t \le \frac{3\pi}{2}$, find the value of t if $sint = -0.3$

Answer :_____

7. Determine the exact value of $sin\frac{-5\pi}{3}$?

Answer:_____

8. In which quadrant is $P(-5)$?

Answer:_____

9. Given the trig point $P(\theta) = \left(-\frac{4}{5},\dots\right)$, and knowing that $P(\theta)$ is located in the 2nd quadrant, determine $\tan\theta$.

Answer (**exact**) :_____

10. Are the following rotations co-terminal: $\frac{3\pi}{4}$ and $\frac{-29\pi}{4}$

Answer:_____