

Trigonometric Ratios with Circles

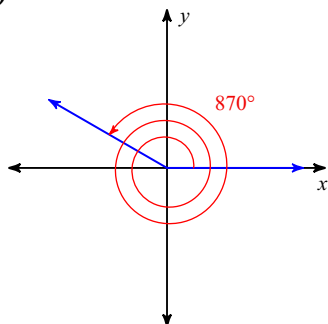
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Name _____

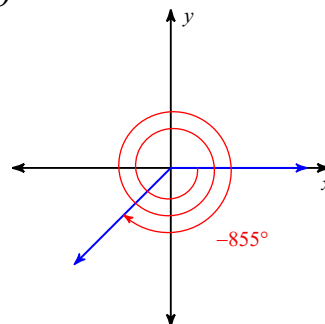
Date _____

Find the exact value of each trigonometric function.

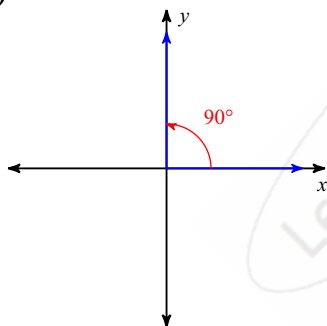
1) $\cos \theta$



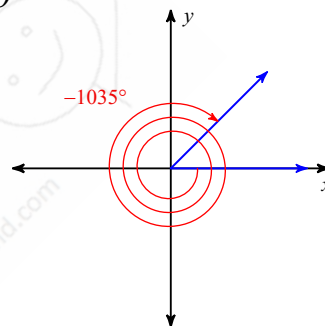
2) $\cot \theta$



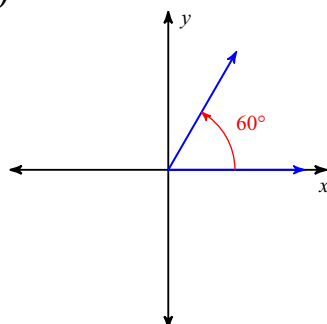
3) $\cot \theta$



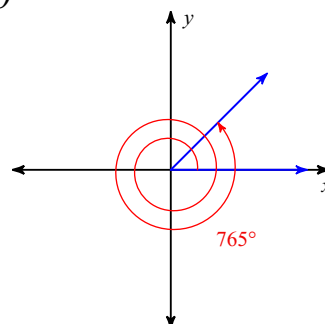
4) $\cot \theta$



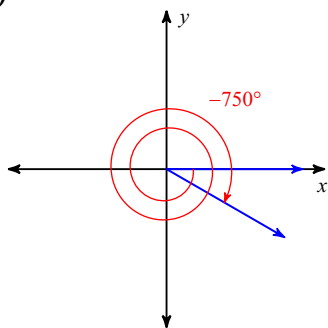
5) $\csc \theta$



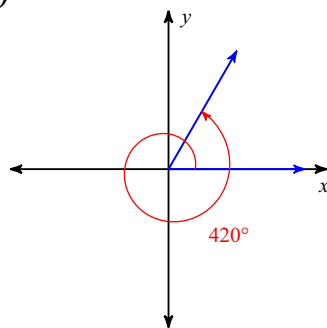
6) $\tan \theta$



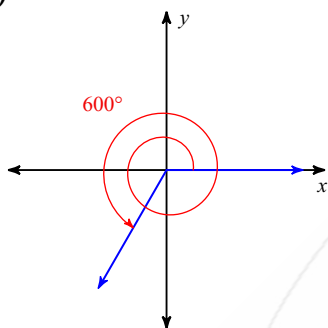
7) $\cot \theta$



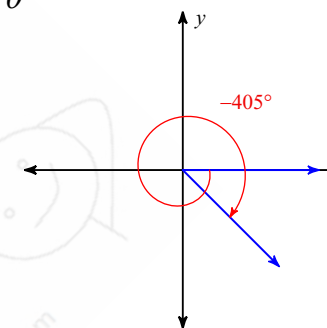
8) $\csc \theta$



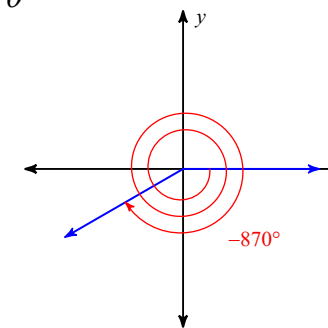
9) $\cot \theta$



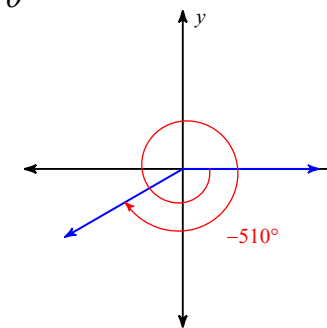
10) $\cot \theta$



11) $\csc \theta$



12) $\cot \theta$



Answers to Trigonometric Ratios with Circles

1) $-\frac{\sqrt{3}}{2}$

5) $\frac{2\sqrt{3}}{3}$

9) $\frac{\sqrt{3}}{3}$

2) 1

6) 1

10) -1

3) 0

7) $-\sqrt{3}$

11) -2

4) 1

8) $\frac{2\sqrt{3}}{3}$

12) $\sqrt{3}$

