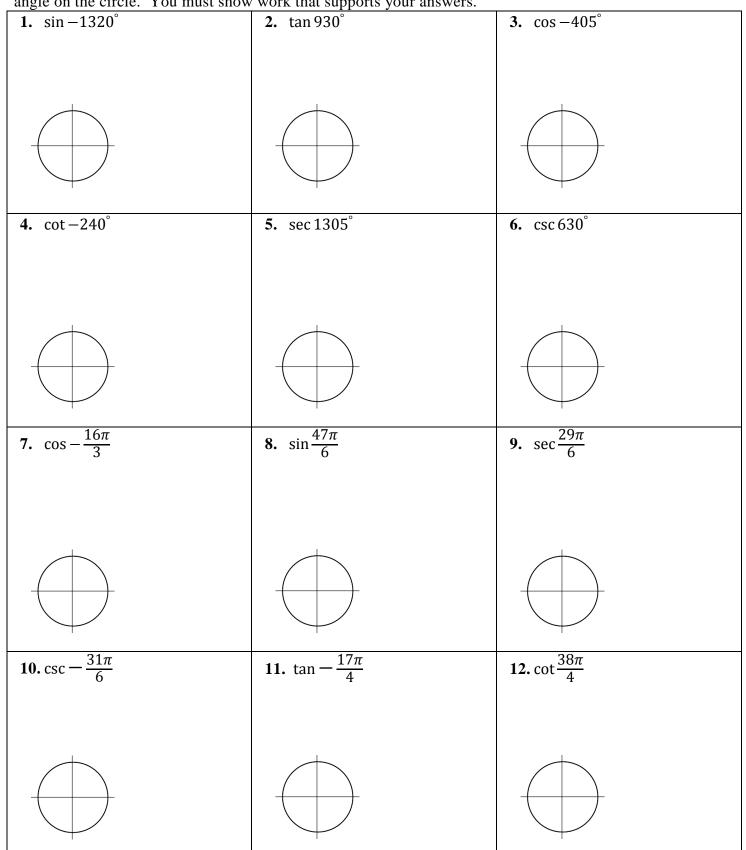
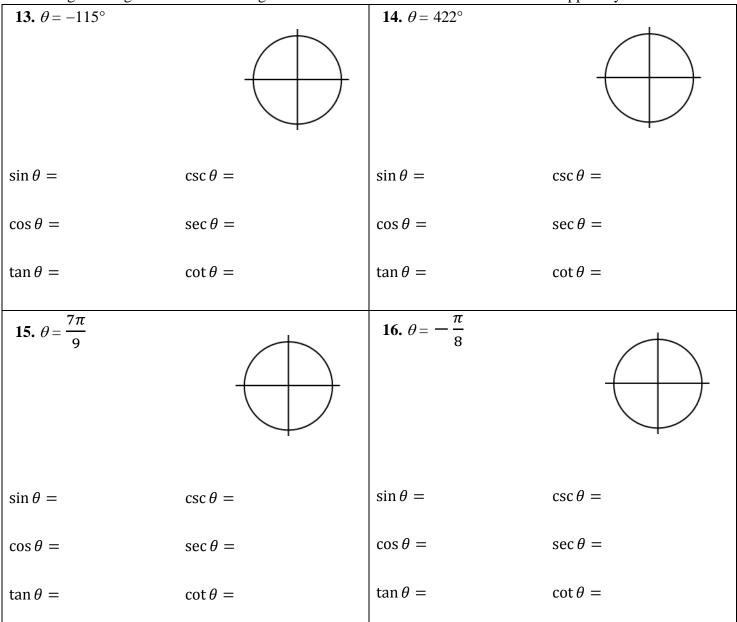
| Name: | Date: | Period: | Score: | First attempt due: | |
|-------------------|---------------|---------|--------|------------------------|--|
| Practice Worksh | eet: | | | Final corrections due: | |
| Trig Ratios on th | e Unit Circle | | | | |

Find the exact value of the trig ratio <u>without using a calculator</u>. Sketch both the given angle and reference angle on the circle. You must show work that supports your answers.



Rewrite the six trigonometric functions of θ in terms of sine and/or cosine of the reference angle. Sketch both the given angle and reference angle on the circle. You must show work that supports your answers.



Approximate the value of the trig ratio <u>using a calculator</u>. To show your work, write down what you entered into the calculator. Round your final answer to four decimal places.

| 18. $\cot - 17^{\circ}$ | 19. sec 802° |
|----------------------------------|--|
| | |
| | |
| 77 | π |
| 21. sec $-\frac{7\pi}{5}$ | 22. $\cot \frac{\pi}{2}$ |
| | |
| | |
| | 18. $\cot -17^{\circ}$ 21. $\sec -\frac{7\pi}{5}$ |