**Honors Precalc Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4.4 Trig Values Row Game Partner’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions:** Decide who is going to do the problems in column A and who will do the problems in column B. Write your final answer in the answer column. Your answer should match your partner’s. If your answers don’t match, work together to find your mistake.

Find the exact value of each trig function.

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| --- | --- | --- |
| **Column A** | **Column B** | **Final Answer** |
| 1. Sin θ if (-2, 4) is on terminal side | 1. Cos θ if (6, -3) is on terminal side |  |
| 2. Sec θ if (-1, -7) is on terminal side | 2. Csc θ if (14, -2) is on terminal side |  |
| 3. Quadrant with sin θ < 0, cos θ > 0 | 3. Quadrant with tan θ < 0, sec θ > 0 |  |
| 4. Quadrant with cos θ < 0, sin θ < 0 | 4. Quadrant with tan θ > 0, csc θ < 0 |  |
| 5. Quadrant with sec θ < 0, csc θ > 0 | 5. Quadrant with tan θ < 0, sin θ > 0 |  |
| 6. sin $\frac{π}{3}$ | 6. cos $\frac{11π}{6}$ |  |
| 7. tan $\frac{3π}{4}$ | 7. cos π |  |
| 8. cos $\frac{7π}{6}$ | 8. sin $\frac{5π}{3}$ |  |
| 9. tan $\frac{5π}{3}$ | 9. tan $\frac{2π}{3}$ |  |
| 10. sec π | 10. csc $\frac{3π}{2}$ |  |
| 11. sin $\frac{4π}{3}$ | 11. sin $\frac{5π}{3}$ |  |
| 12. tan $\frac{3π}{2}$ | 12. sec $\frac{π}{2}$ |  |
| 13. cos $\frac{11π}{6}$ | 13. sin $\frac{2π}{3}$ |  |
| 14. csc $\frac{4π}{3}$ | 14. sec $\frac{5π}{6}$ |  |
| 15. cot $\frac{3π}{4}$ | 15. tan $\frac{7π}{4}$ |  |