Name _____ Score _____ Teacher _____ Date _____

Exact Unit Circle Practice

For each angle, identify its quadrant and reference angle, then give exact sin, cos, and tan values.

1. theta = 7pi/4: give the terminal-side location, reference angle when applicable, sin(theta), cos(theta), and tan(theta).

2. theta = 5pi/3: give the terminal-side location, reference angle when applicable, sin(theta), cos(theta), and tan(theta).

Name _____ Score _____ Teacher _____ Date _____

Exact Unit Circle Practice

For each angle, identify its quadrant and reference angle, then give exact sin, cos, and tan values.

3. theta = 0: give the terminal-side location, reference angle when applicable, sin(theta), cos(theta), and tan(theta).

4. theta = pi/6: give the terminal-side location, reference angle when applicable, sin(theta), cos(theta), and tan(theta).

Show your reasoning. Keep exact values unless instructed otherwise.

Name _____ Score _____ Teacher _____ Date _____

Exact Unit Circle Practice

For each angle, identify its quadrant and reference angle, then give exact sin, cos, and tan values.

5. **theta = 2pi/3: give the terminal-side location, reference angle when applicable, sin(theta), cos(theta), and tan(theta).**

6. **theta = 5pi/6: give the terminal-side location, reference angle when applicable, sin(theta), cos(theta), and tan(theta).**