Unit Circle Worksheet

Using your unit circle, find the value of each trig ratio for the given degree measure. Sketch a picture of the circle with the triangle. Label the sides of the triangle, then find the ratio indicated. Be sure to give your answers in simplified radical form.

1. Tan 30°

2. Cos 60°

3. Sin 270°

4. Cos 120°

5. Tan 210°

6. Sin 330°

7. Tan 180°

8. Sin 300°

9. Cos 90°

10. Sin 240

11. Tan 150

12. Cos 390°