

PreCalc: Trig ID Guidelines:

Name: _____

Guidelines for Verifying Trig Identities:

1.

2.

3.

4.

5.

Extended Pythagorean Identities:

$$\sin^2(u) + \cos^2(u) =$$

$$1 + \tan^2(u) =$$

$$1 + \cot^2(u) =$$

$$\sin^2(u) =$$

$$\tan^2(u) =$$

$$\cot^2(u) =$$

$$\cos^2(u) =$$

$$1 =$$

$$1 =$$

$$-1 =$$

$$-1 =$$