Notes Trig Identities

Name: _____ Date: _____ Period: _____

Learning Target: _____

_____

Example 1: If sin x = 3/5, find the remaining ratios.

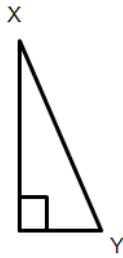sin x =

cos x =

tan x =

sin y =

cos y =

tan y =

X=
y=

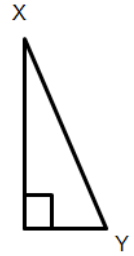Example 2: If sin x = 8/17, find the remaining ratios.

sin x =

cos x =

tan x =

sin y =

cos y =

tan y =

X=
y=

Example 3: If cos x = 2/3, find the remaining ratios.

sin x =

cos x =

tan x =

sin y =

cos y =

tan y =

X=
y=

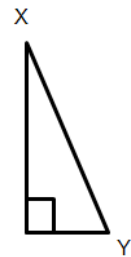Example 4: If cos x = 1/2, find the remaining ratios.

sin x =

cos x =

tan x =

sin y =

cos y =
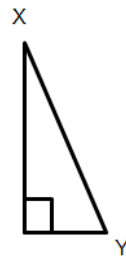
tan y =

X=
y=

Example 5: If tan x =10/5, find the remaining ratios.

sin x =

cos x =

tan x =

sin y =

cos y =

tan y =
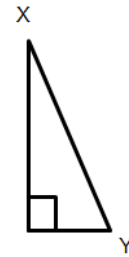
x=
y=

Example 6: If tan y = 1, find the remaining ratios.

sin x =

cos x =

tan x =

sin y =

cos y =

tan y =

x=
y=

Show me you can do it!

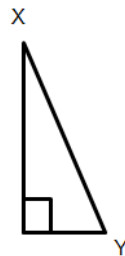Practice 1: If tan x = $\sqrt{3}$, find the remaining ratios.

sin x =

cos x =

tan x =

sin y =

cos y =

tan y =

x=
y=

Practice 2: If cos y = $\sqrt{10}/$ 10, find the remaining ratios.

sin x =

cos x =

tan x =

sin y =

cos y =

tan v =

x=
y=

Show me you know it!

Practice 3: If sin x = 4 /10, find the remaining ratios.

sin x =

cos x =

tan x =

sin y =

cos y =

tan y =

x=
y=

1. How can you change a whole number to a

    fraction? _____

    _____

    _____

2. Can cos x and sin x ever be the same
    value?

    _____

    _____

    _____