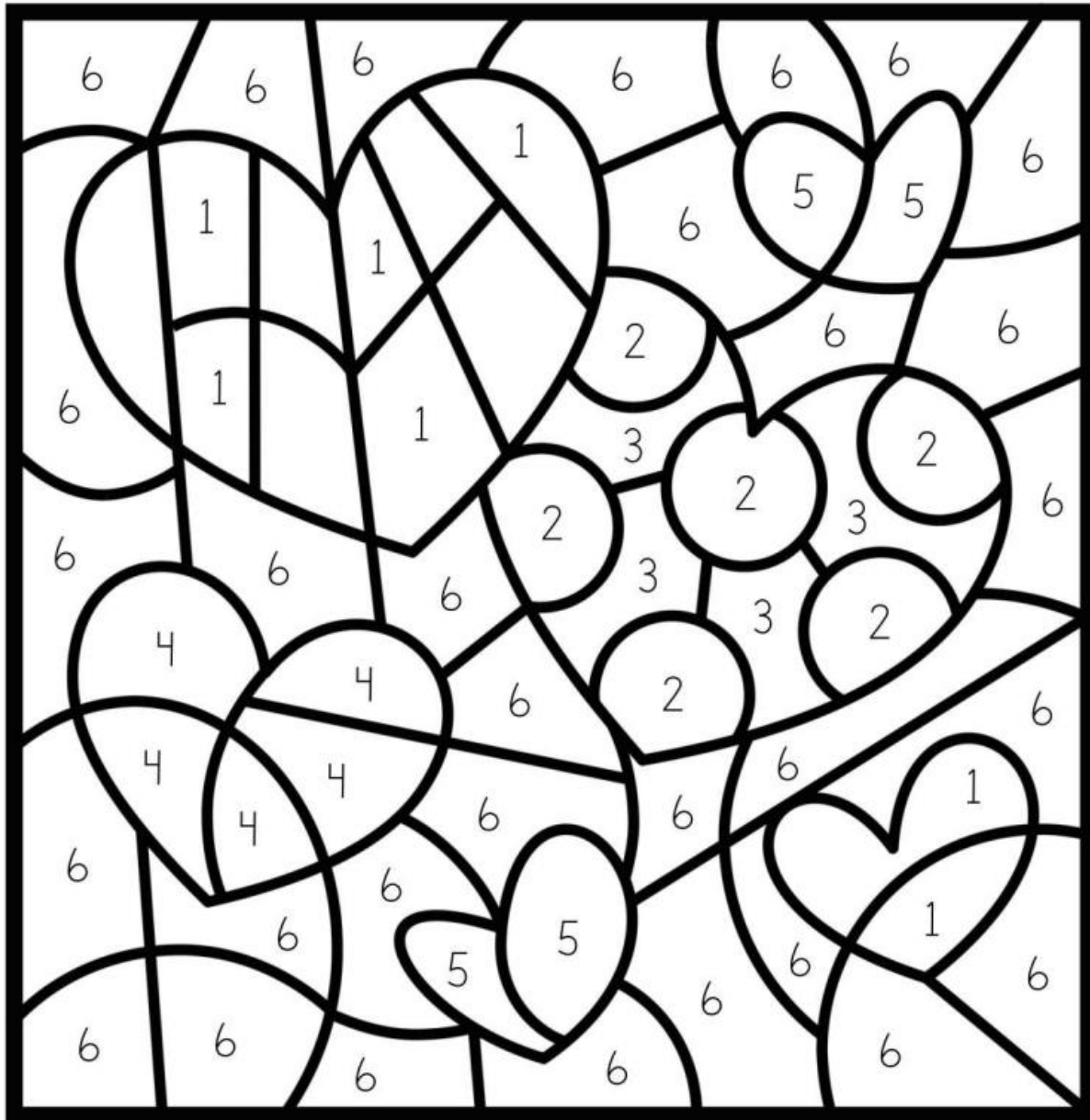


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Precalculus: Unit 6A - Basic Trig Identities Test Review



Answers:

$\cos x$	- 1	$\tan x + 1$
Red	Yellow	Purple
1	$\cot x$	$\sin^2 x$
Green	Blue	Pink

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Simplify the following expressions.

1.  $\frac{\csc x}{\cot x + \tan x} =$

2.  $\frac{\csc x}{\cos x} (1 - \sin^2 x) =$

3.  $\frac{\sec^4 x - \tan^4 x}{\sec^2 x + \tan^2 x} =$

4.  $\cos\left(\frac{\pi}{2} - x\right) \csc(-x) =$

5.  $\sec x \cos x - \cos^2 x =$

6.  $\sin x (\sec x + \csc x) =$