Name:

Unit 7: Right Triangles & Trigonometry

Per: \_\_\_\_\_

Homework 6: Trigonometry Review

## \*\* This is a 2-page document! \*\*

Directions: Give each trig ratio as a fraction in simplest form.

Date:

$$20^{2} + b^{2} = 29^{2}$$
 •  $\sin D = \frac{20/29}{2}$  •  $\sin E = \frac{21/29}{2}$   
 $b = 21$  •  $\cos D = \frac{21/29}{2}$  •  $\cos E = \frac{20/29}{2}$ 

$$\sin D = \frac{20/29}{1}$$

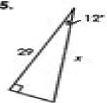
• 
$$\cos D = \frac{21/29}{}$$
 •  $\cos E = \frac{20/29}{}$ 

• 
$$tan D = \frac{20/21}{}$$
 •  $tan E = \frac{21/20}{}$ 

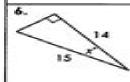
Directions: Solve for x. Round to the nearest tenth.



$$\sin 48 = \frac{x}{32}$$
  
 $X = 23.8$ 



$$X = \frac{29}{\cos 12}$$



$$\cos x = \frac{14}{15}$$



$$\tan x = \frac{19}{23}$$





# **Algebra Trigonometry Review Answers And Work**

J Ma

#### **Algebra Trigonometry Review Answers And Work:**

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