

Name _____

Date _____

Find the missing Angle - Guided Lesson Explanation

Explanation#1

The missing value is x than Sin 7 / 18

$$\sin x = 0.4$$

$$x = \sin^{-1} 0.4$$

$$x = 23.6^\circ$$

So the answer is 23.6°

Explanation#2

The missing value is x than tan 13 / 24

$$\tan x = 0.5$$

$$x = \tan^{-1} 0.5$$

$$x = 26.6^\circ$$

So the answer is 26.6°

Explanation#3

The missing value is x than Cos 18 / 33

$$\cos x = 0.5$$

$$x = \cos^{-1} 0.5$$

$$x = 60^\circ$$

So the answer is 60°

