

Geometry

Q3: Jan 29-Feb 2, 2024
Mrs. Pletcher

Overview of Week

Monday - TANGENT work on solving for a side of right triangle (9.4)

Worksheet 9.4 Practice A & Puzzletime

Tuesday - 1 Problem Check Quiz -- #22 Test A

Notes Section 9.5 on Sine and Cosine

Use Student Journal pg. 264-266

Wednesday - Use Textbook pg. 498 # 17-22

Thursday - Worksheet 9.5 Practice A & Puzzletime

Friday - Kuta Software Page - #1-10 Geometry Trig


#1-8 Geometry Solving Right Triangles

---sub so good behavior :)

Review Notes

- Section 9.4
 - ---Drawing and notes for the TANGENT function of a right triangle.
 - Use Student Journal Pgs. 257-261 Complete as notes with the teacher.
 - Tangent Trig Ratio --- relate to Slope as rise/run and SAS similarity

Find the value of x . Round your answer to the nearest tenth.

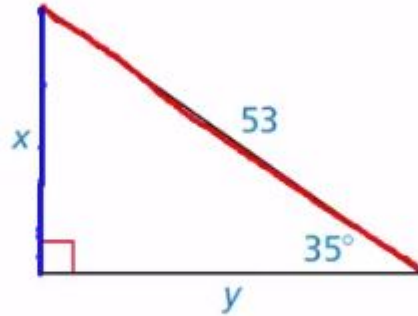

$$\tan 25^\circ = \frac{\text{opp}}{\text{adj}}$$
$$\tan 25^\circ = \frac{12}{x}$$
$$x = \frac{12}{\tan 25^\circ}$$

Notes

Student Journal pgs. 265-266

Sine Function Use

Find the values of x and y using sine and cosine. Round your answers to the nearest tenth.



$$\sin 35^\circ = \frac{\text{opp}}{\text{hyp}}$$

$$\sin 35^\circ = \frac{x}{53}$$