U2D3 Determining Measures of Angles in Right Triangles

Trig ratios can also be used to find the measures of angles of a right triangle that are not known. Examples: For the following triangles, identify the trig ratio to use, write the equation and solve it to one decimal place using the INVERSE TRIG buttons on your calculator.



Ex. 2 Solve \triangle XYZ given that $\angle X = 90^{\circ}$, $x = 8.2 \, cm$, $z = 6.0 \, cm$.

To solve means _



U2D3 Practice: Pg. 80 # 5, 6, 7, 11, 13 🗸 Answers Pg. 540 2.1