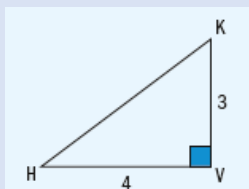
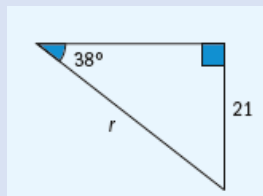


Chapter 11 / **Example 4****Right-angled triangle trigonometry**

Trigonometric calculations in degrees.

1 Find angle K .**2** Find side r .

Open a new document and add a Calculator page.

Use the touchpad to click on the wheel icon in the page header.

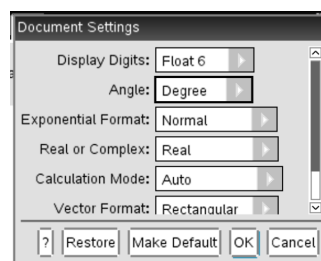


Select 2:Document Settings...

Select 'Degree' as the unit for Angle.

Use the touchpad to select OK or click **enter**.

The page header should now show 'DEG'.



$$K = \tan^{-1} \frac{4}{3}$$

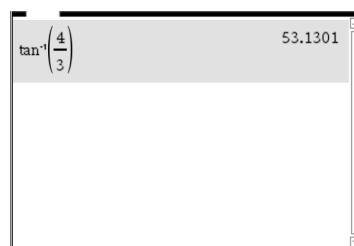
Open a new document and add a Calculator page.

Press **trig** and select \tan^{-1} from the menu with the touchpad.

sin	cos	tan	csc	sec	cot
sin ⁻¹	cos ⁻¹	tan ⁻¹	csc ⁻¹	sec ⁻¹	cot ⁻¹

Use the fraction template, **ctrl** **[a/b]** to enter $\frac{4}{3}$.

$$K \approx 53.1^\circ$$



$$r = \frac{21}{\sin 38^\circ}$$

Press **ctrl** **[a/b]** and enter 21 in the numerator of the fraction template.In the denominator press **trig** and select sin. Type 38 to complete the entry and press **enter**.

$$r = 34.1$$

