



# Trigonometry Full Course

Vizle



<https://vizle.offnote.co>

Contact us: [vizle@offnote.co](mailto:vizle@offnote.co)

This document was generated automatically by **Vizle**

Your **Personal Video Reader Assistant**

Learn from Videos **Faster** and **Smarter**

### VIZLE PRO / BIZ

- Convert *entire* videos <sup>PDF, PPT</sup>
- *Customize* to retain all essential content
- Include Spoken *Transcripts*
- Customer support

Visit <https://vizle.offnote.co/pricing> to learn more

### VIZLE FREE PLAN

- Convert videos *partially* <sup>PDF only</sup>
- Slides may be *skipped*\*
- Usage restrictions
- No Customer support

Visit <https://vizle.offnote.co> to try free

**Login to Vizle** to unlock more slides\*



3) Arc length :

(theta)



V



Vizle

$$\begin{array}{r} -80^\circ \\ +360^\circ \\ \hline 280^\circ \end{array}$$

3) Arc length:

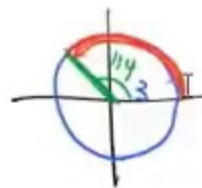
$$\frac{\theta}{360} = \frac{s}{2r\pi}$$

(theta) (C)

a) radius 3 inches, angle of 114°

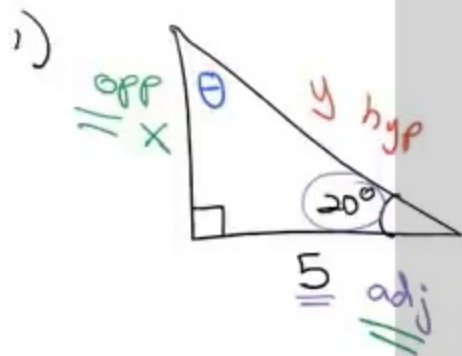
$$6\pi \frac{114}{360} = \frac{s}{2(3)\pi}$$

$$1.9\pi \text{ in} = s$$



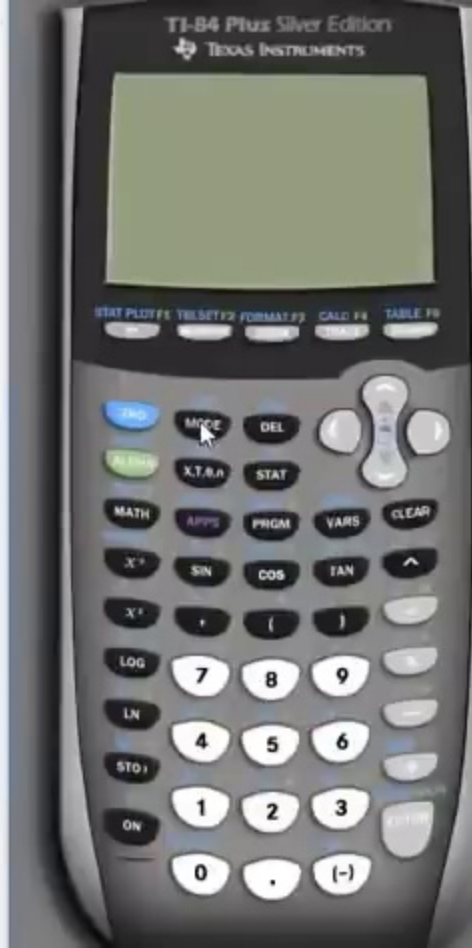


# Solve Right Triangles

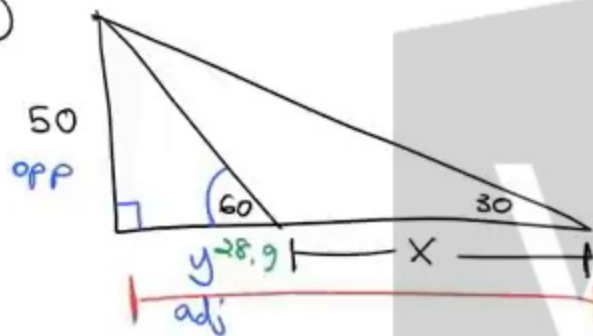


$$5 \tan 20 = \frac{x}{5}$$
$$5 \tan 20 = x$$

Vizle



3)



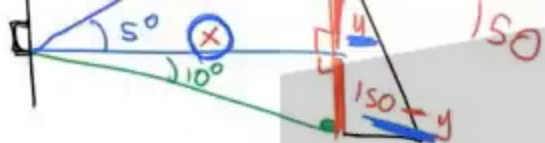
$$y + \tan 60 = \frac{50}{y}$$

$$y + \tan 60 = 50$$

$$y = \frac{50}{\tan 60}$$

$$y = 28.9$$

Vizle



$$\tan 5 = \frac{y}{x}$$

$$(x \tan 5) = y$$

$$\tan 10 = \frac{150 - y}{x}$$

$$x \tan 10 = \frac{150 - x \tan 5}{x} \quad \times$$

$$x \tan 10 = 150 - x \tan 5$$

$$x \tan 10 + x \tan 5 = 150$$

$$x (\tan 10 + 1)$$

Vizle





<https://vizle.offnote.co>

Contact us: [vizle@offnote.co](mailto:vizle@offnote.co)

This document was generated automatically by **Vizle**

Your **Personal Video Reader Assistant**

Learn from Videos **Faster** and **Smarter**

### VIZLE PRO / BIZ

- Convert *entire* videos <sup>PDF, PPT</sup>
- *Customize* to retain all essential content
- Include Spoken *Transcripts*
- Customer support

Visit <https://vizle.offnote.co/pricing> to learn more

### VIZLE FREE PLAN

- Convert videos *partially* <sup>PDF only</sup>
- Slides may be *skipped*\*
- Usage restrictions
- No Customer support

Visit <https://vizle.offnote.co> to try free

**Login to Vizle** to unlock more slides\*