$$\frac{1}{100} = \frac{1}{2} = \frac{$$

$$2f b = 3, c = 2 A = 120^{\circ}$$

$$K = \frac{1}{2}bc \sin A$$

$$= \frac{1}{2}(3)(3) \sin(120^{\circ})$$

$$= \frac{3}{2}\frac{13}{2} \text{ unitary}$$

$$\frac{19}{\tan x} = \frac{6}{12} \implies f = \tan \frac{1}{2}$$

$$\frac{1}{2} = \frac{1}{4} \implies \alpha = \tan \frac{1}{4}$$

$$\frac{1}{3} = \frac{1}{4} \implies \alpha = \tan \frac{1}{4}$$

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$$\frac{1}{4} = \frac$$

1/2

Vs, the treewill not be excavated.

$$8, n30^{\circ} = \frac{h}{AB}$$

$$AB = 2h$$

tan30° tan60° = 1 tan30° tan(90°-30°) = 1 Cot(30°)

$$(x = 20^{\circ} - 26^{\circ})$$

$$= 62^{\circ}$$

$$= 116^{\circ}$$

$$= 116^{\circ}$$

$$= 16^{\circ} + 10^{\circ} - 2(6)(10)(20)116^{\circ}$$

$$= 136 - 120(20)116^{\circ}$$

$$CO 28^{\circ} = \frac{x}{10} \Rightarrow x = 10 CO 28^{\circ}$$

$$5.428^{\circ} = \frac{1}{10} \Rightarrow y = 10 S.428^{\circ}$$

$$d = \sqrt{(6+y)^{2} + x^{2}}$$