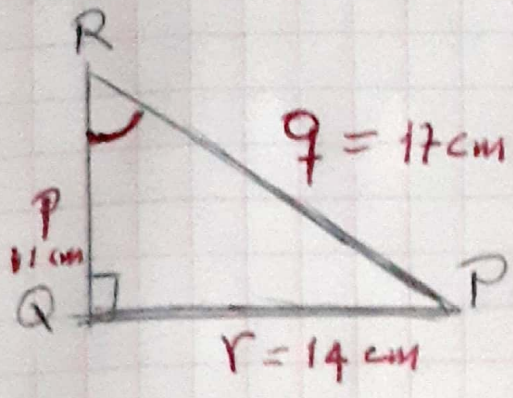


∡R: co = r = 14 cm
ca = p = 11 cm
hip = q = 17 cm

SOH CAH TOA

1. $\text{Sen}R = \frac{co}{h} = \frac{r}{q} = \frac{14cm}{17cm} = 0,82$

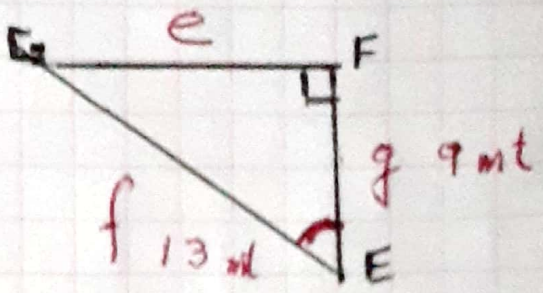
2. $\text{Cos}R = \frac{ca}{h} = \frac{p}{q} = \frac{11cm}{17cm} = 0,64$

3. $\text{Tan}R = \frac{co}{ca} = \frac{r}{p} = \frac{14cm}{11cm} = 1,27$

4. $\text{Cot}R = \frac{ca}{co} = \frac{p}{r} = \frac{11cm}{14cm} = 0,78$

5. $\text{Sec}R = \frac{h}{ca} = \frac{q}{p} = \frac{17cm}{11cm} = 1,54$

6. $\text{Csc}R = \frac{h}{co} = \frac{q}{r} = \frac{17cm}{14} = 1,21$



Falta el valor de e

Teorema de Pitágoras:

$f^2 = e^2 + g^2$

$(13mt)^2 = e^2 + (9mt)^2$

$169\,mt^2 = e^2 + 81\,mt^2$

$169\,mt^2 - 81\,mt^2 = e^2$

$\sqrt{88\,mt^2} = \sqrt{e^2}$

$9,3m = e$

∡E: co = e = 9,3 mt
ca = g = 9 mt
hip = f = 13 mt

SOH CAH TOA

1. $\text{Sen}E = \frac{e}{f} = \frac{9,3mt}{13mt} = 0.71$

2. $\text{Cos}E = \frac{g}{f} = \frac{9mt}{13mt} = 0,69$

3. $\text{Tan}E = \frac{e}{g} = \frac{9,3}{9} = 1,03$

4. $\text{Cot}E = \frac{g}{e} = \frac{9}{9,3} = 0,96$

5. $\text{Sec}E = \frac{f}{g} = \frac{13}{9} = 1.44$

6. $\text{Csc}E = \frac{f}{e} = \frac{13}{9,3} = 1,39$