1.25 m

**B**

ө

**T**

**H**

15.25 29 29 29 15.25

2.5m

Tan(ө)= (6-1.25)/7.5) s ө ө=

29\*2.5+29\*5+29\*7.5+15.25\*10-Tcos(ө)\*1.25-Tsin(ө)\*75=0

-+Tcos(ө)=0

\*7.5-29\*5-29\*2.5+15.25\*2.5-=0

* Apply method of joint on truss :

**H**

15.25

|  |  |  |  |
| --- | --- | --- | --- |
| Name of member | tension | Name of member | compression |