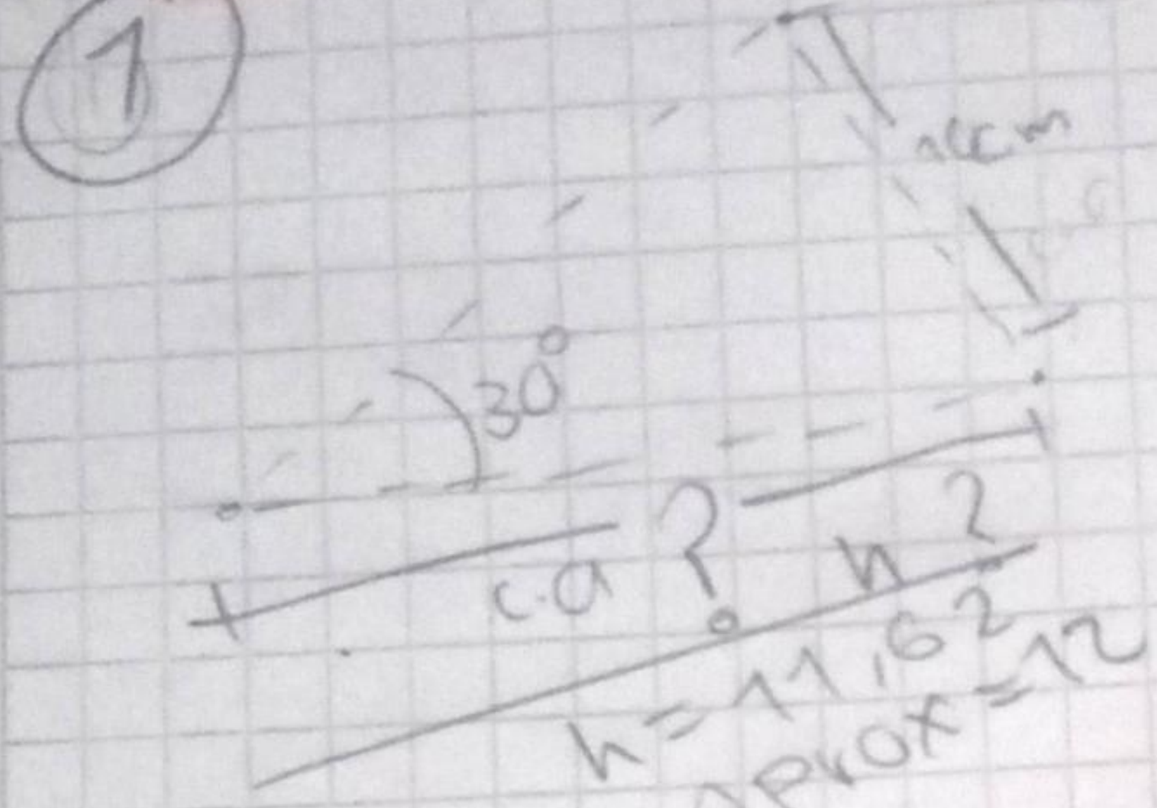
SOLUCIÓN

(1)



$Sen\theta = \frac{C.O}{h}$

$Sen(30) = \frac{10}{h}$

$h = \frac{10}{Sen(30)}$

$h = \frac{Sen(30) \times 10}{0,86}$

$= h = 20\,cm$

C.O = 10

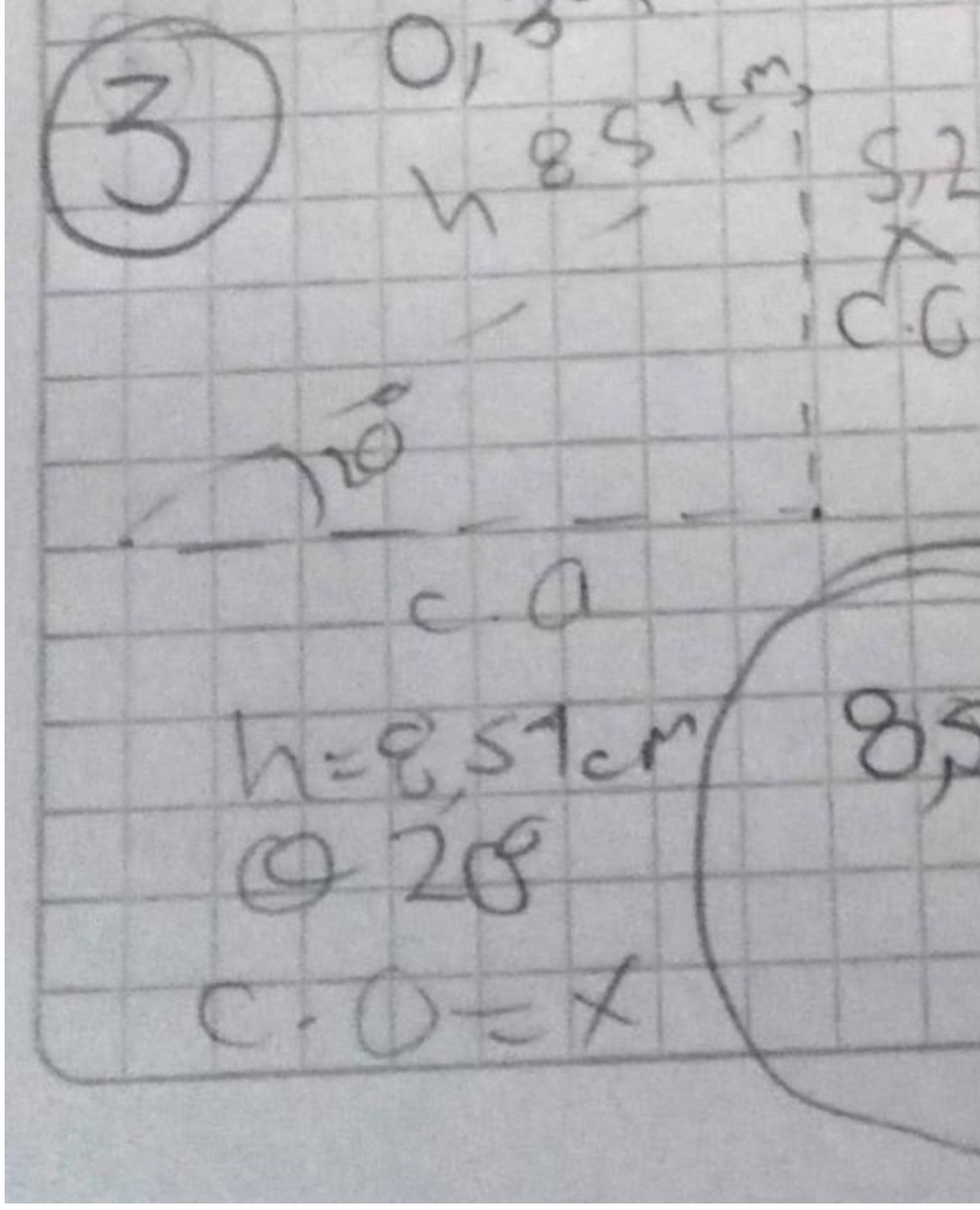
$\theta = 30°$

h = ?

$h = 11,62$

Aprox = 12

(3)



$Sen(20)\ 0,5^2$

$0,34$

$h\ 8,51cm$

$h = 8,51cm$

$\theta = 20$

C.O = x

$Sen\theta = \frac{C.O}{h}$

$Sen20° = \frac{x}{8,51cm}$

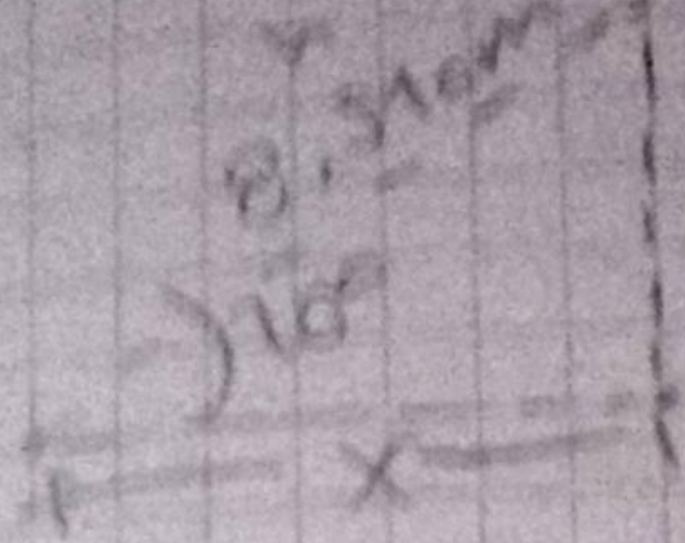
$8,51 \times Sen20 = x$

$X = 2,91\,cm$

Scanned by TapScanner

Exercice

(1)



$\cos\theta = \frac{C.A}{H}$

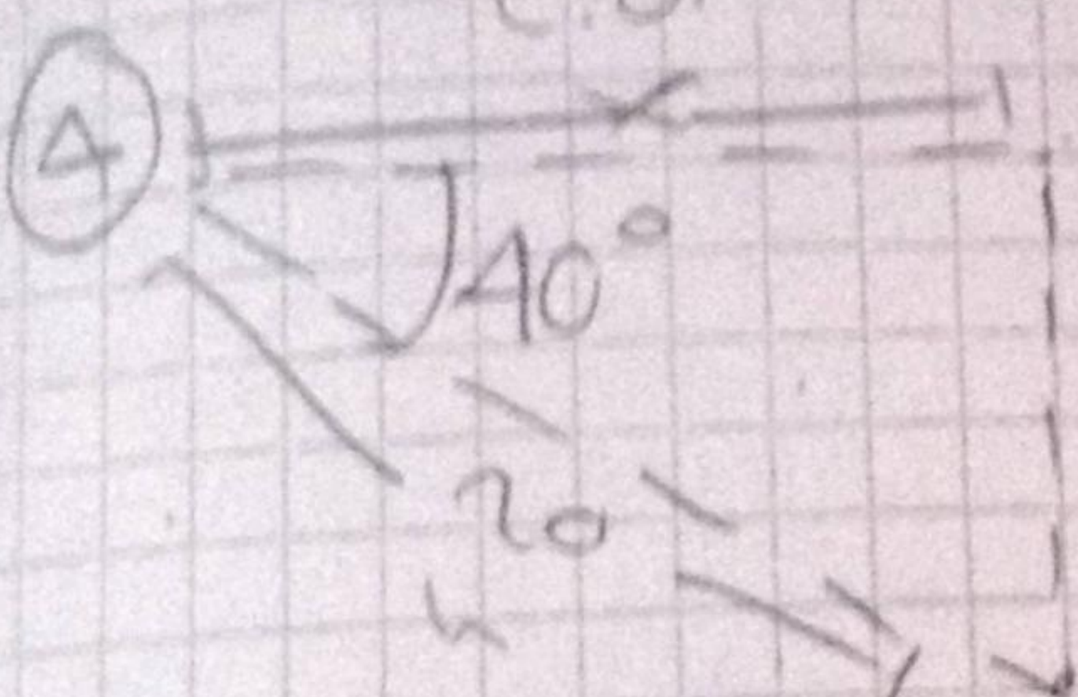
$\cos(20) = \frac{x}{8,51}$

$8,51 \times \cos(20) = x$

$x = 7,99167...$

$x = 7,99\,cm$

(4)



$\cos\theta = \frac{C.A}{H}$

$\cos(40) = \frac{x}{20m}$

$\cos(40) =$

$0,766...$

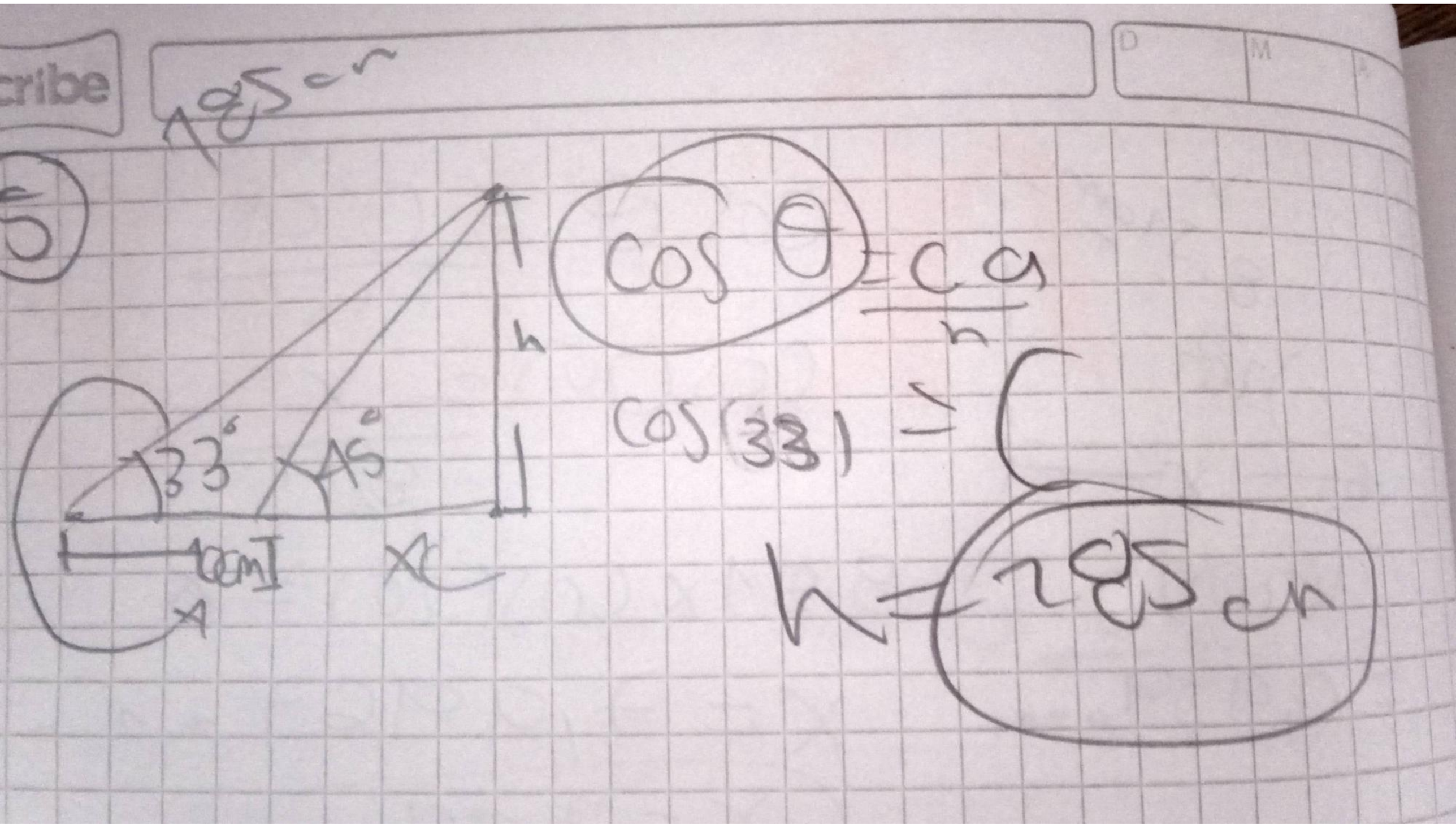
$\times 20$

$20 \times \cos(40) = x$

$x = 15,32088...$

$x = 15,32$

Scanned by TapScanner



Scanned by TapScanner