

# Lösungen

## Landeanflug

11 m,  $18,3^\circ$ , 91 s, 1314 m

## Aussichtsturm

$h = 76$  m,  $e = 425$  m

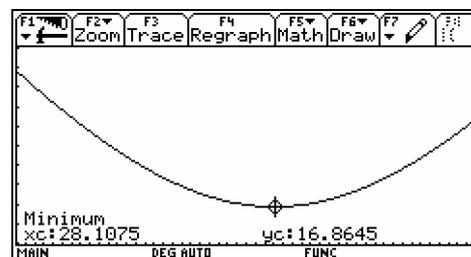
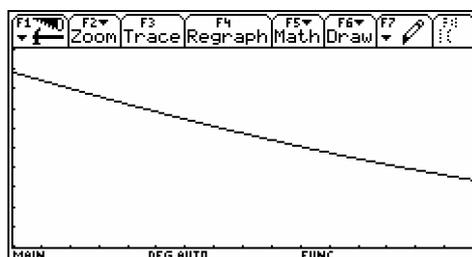
## Rückwärtseinschnitt

$\alpha' = 122,5^\circ$

## Schulsausflug

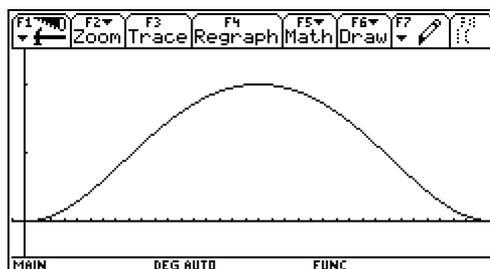
$8,5^\circ$ , 148 m,  $10,7^\circ$ , 835 m,  $26,6^\circ$ , 50 %

## Fähre



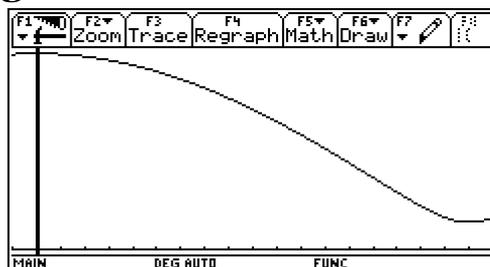
## Schubkurbelgetriebe

$h = 16$  cm



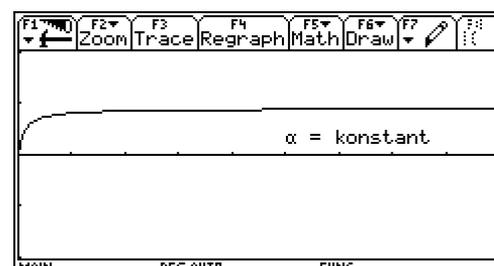
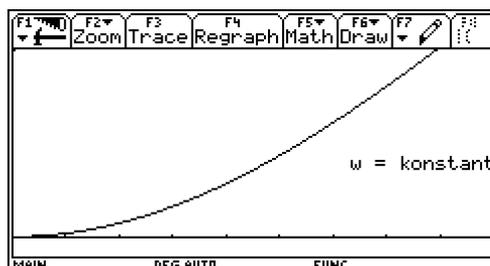
## Kräfteparallelogramm

322 N,  $36,1^\circ$ ,  $50,9^\circ$



## Diskuswurf

16 cm,  $53,8^\circ$



## Mondentfernung

$e = 366514$  km

## Vorwärtseinschnitt

$\overline{FN} = 5,6$  km,  $\overline{AN} = 1,9$  km

## Überschallflugzeug

548 m/s,  $30^\circ$ ,  $21,8^\circ$ , 233 m/s