

Carport

10 maximumscore 1

Hoek $E = 180 - 90 - 20 =$ (of $90 - 20 =$) $70(^{\circ})$

11 maximumscore 4

- $\tan 20^{\circ} = \frac{DE}{400}$ 2
- $DE = 145,5\dots(\text{cm})$ 1
- $AE = 145,5\dots + 220 = 366$ (cm) (of nauwkeuriger) 1

12 maximumscore 4

- $FG = \sqrt{60^2 + 60^2}$ 2
- $FG = 84,85\dots$ (cm) 1
- Het antwoord: $FG = 85$ (cm) 1