

13. H \ddot{u} : 5.10 a)-d) 5.11 a)b) 5.12 a)b) 5.13 5.14 5.15 a)b)

5.10. a) $a \approx 43,98$ $b \approx 14,46$ $\beta = 18,2^\circ$

b) $a \approx 171,02$ $b \approx 139,98$ $\beta = 39,3^\circ$

c) $a \approx 261,48$ $b \approx 462,16$ $\beta = 60,5^\circ$

d) $a \approx 6,06$ $b \approx 16,20$ $\beta = 20,5^\circ$

5.11 a) $b \approx 5,37$ $c \approx 8,05$ $\alpha \approx 48,2^\circ$ $\beta \approx 41,8^\circ$

b) $a \approx 6,64$ $c \approx 10,09$ $\alpha \approx 41,1^\circ$ $\beta \approx 48,9^\circ$

5.12 a) $a = 5,00$ $b \approx 6,40$ $c = 8$ $\alpha \approx 38,7^\circ$ $\beta \approx 53,1^\circ$ $\gamma \approx 88,2^\circ$

b) $a \approx 9,22$ $b \approx 6,32$ $c = 9$ $\alpha \approx \overset{71,6^\circ}{\cancel{80,5^\circ}}$ $\beta \approx 40,6^\circ$ $\gamma \approx 67,8^\circ$

5.13 $\approx 75,5^\circ$ $\approx 3,87\text{m}$

5.14 $\approx 4,78\text{m}$

5.15 a) $\approx 0,49\text{km}$

b) $\approx 0,55\text{km}$