Delta vaas

12. $A = 3 \cdot (\frac{1}{2} \cdot 15 \cdot 5 + 5 \cdot 15) = 337{,}5$
De totale oppervlakte bedraagt 337,5 cm^2

13. $\tan(\angle BTR) = \frac{15}{5} \rightarrow \angle BTR = 71{,}57^\circ$

$\tan(\frac{1}{2} \cdot \angle ATB) = \frac{5}{15} \rightarrow \angle ATB = 36{,}87^\circ$

Dus $\angle ATR = 71{,}57^\circ + 36{,}87^\circ = 108{,}4^\circ$

14. $A_{\Delta ABC} = (5 \cdot \tan(60^\circ) = 5\sqrt{3}) \cdot 10 \cdot \frac{1}{2} = 25\sqrt{3}$

$I_{T.\,ABC} = \frac{1}{3} \cdot 14{,}72 \cdot 25\sqrt{3} = 212{,}5$

15.