M/J Grade 8 Pre-Algebra Homework 4-3\&4

Find the missing side:


Problem I: $\mathrm{a}=9, \mathrm{~b}=$ ? , $\mathrm{c}=15$
Problem II: $\mathrm{a}=10, \mathrm{~b}=$ ? , $\mathrm{c}=26$
Problem III: $a=2, b=$ ?,$c=2 \sqrt{2}$
Problem IV: $\mathrm{a}=3, \mathrm{~b}=$ ?, $\mathrm{c}=6$

