

10

10.1. $x(x-1)(x-2) + (100-x)(99-x)(98-x) = 0.$

10.2. () : , - . ,) 2014;) 2013?

10.3. (- ,) . ,) .

20 15 . , 4 ?

10.4. , , $R_{ABC} = R_{APC}$, R_{ABC}, R_{APC} - .

10.5.) $\sqrt{n+1} + 2\sqrt{n} < \sqrt{9n+3}$;) , ? $[\sqrt{n+1} + 2\sqrt{n}] < [\sqrt{9n+3}]$, [a]