

11.1.

$$y = \sqrt{\sin x \cdot (x(x-1)(x-2) + (100-x)(99-x)(98-x))}.$$

11.2.

$$\left(\frac{1}{x} - \frac{1}{x-1} \right) \cdot \left(\frac{1}{x-1} - \frac{1}{x-2} \right) \cdot \dots \cdot \left(\frac{1}{x-n} - \frac{1}{x-n-1} \right)$$

2014.

11.3.

... , $R_{ABC} = R_{APC}$, R_{ABC}, R_{APC} —

11.4.)

$$\sqrt{n+1} + 2\sqrt{n} < \sqrt{9n+3}$$

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

11.5.

$$y = \cos x(\cos x + 1)(\cos x + 2)(\cos x + 3).$$