

نام و نام خانوادگی: ایچیا ایو الیسنی پاسخنامه تشریحی تکلیف شماره ۲ ... کلاس: (پنجم سبیل) (خبر)

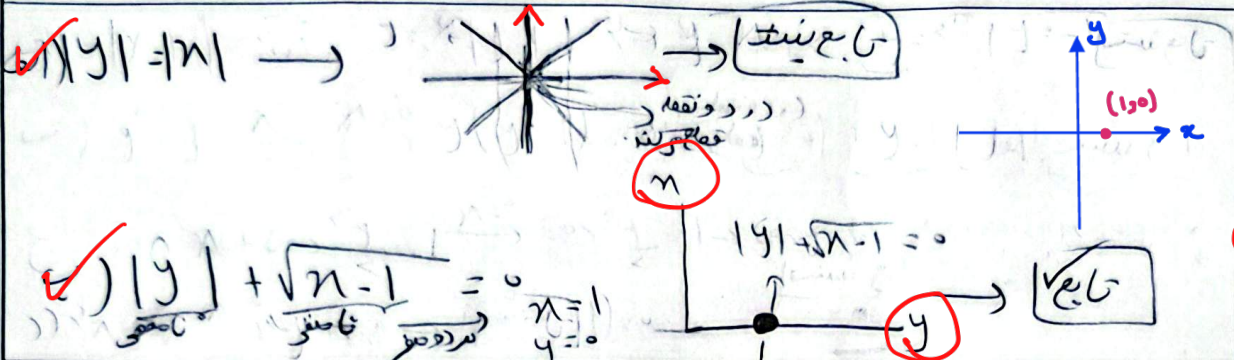
$$a^2 + 3 = 4a$$

$$a^2 - 4a + 3 = 0$$

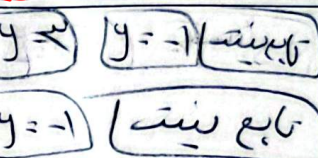
$$(a-1)(a-3) \rightarrow \begin{cases} a=1 \\ a=3 \end{cases}$$

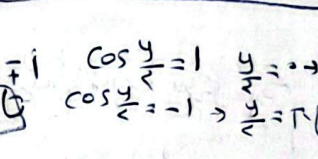
✓

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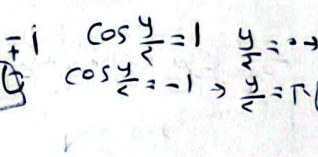


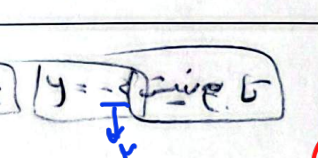
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✓ $|y-1| = \sqrt{n-1} \rightarrow y-1 = \pm\sqrt{n-1} \rightarrow y = 1 \pm \sqrt{n-1}$  تابع نیست

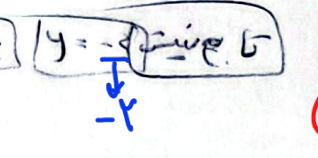
✓ $y^3 - y = \frac{n^2}{2} \rightarrow y(y^2 - 1) = 0 \rightarrow y = 0, y = 1, y = -1$  تابع نیست

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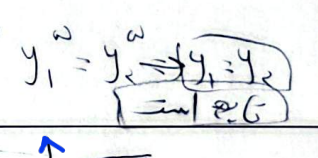
✓ $\sin^2 y + \cos^2 \frac{y}{2} = 1 \rightarrow \cos^2 \frac{y}{2} = 1 \rightarrow \cos \frac{y}{2} = \pm 1 \rightarrow \frac{y}{2} = 0 \rightarrow y = 0$  تابع نیست

✓ $\cos \frac{y}{2} = -1 \rightarrow \frac{y}{2} = \pi \rightarrow y = 2\pi$  تابع نیست

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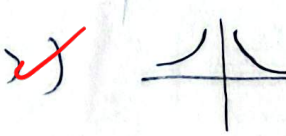
✓ $n^2 + |y-1| = 4n \rightarrow |y-1| = 4n - n^2 \rightarrow y-1 = \pm(4n - n^2) \rightarrow y = 1 \pm(4n - n^2)$  تابع نیست

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✓ $y^3 + 2n = 0 \rightarrow y^3 = -2n \rightarrow y = \sqrt[3]{-2n}$  تابع است



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✓ 1) ✓ 2)	✓ 3) ✓ 4)	6 2
✓ 5) ✓ 6)	✓ 7) ✓ 8)	7 2
		1 1/2
✓ 9) $\cos \omega t \rightarrow \frac{1}{2}$ ✓ 10) $\cos \frac{\omega t}{2} \rightarrow \frac{1}{2}$	✓ 11) $\sin \omega t \rightarrow \frac{1}{2}$ ✓ 12) $\sin \frac{\omega t}{2} \rightarrow \frac{1}{2}$	9 1