

# Info 1

2023 őszi 2. pótzsh

NÉV\*

NEPTUN KÓD\*

--	--	--	--	--	--	--

1.

(A)

(-2, -2) (2, 2)

(B)

(-2, -2) (2, 2)

(C)

(-2, -2) (2, 2)

(D)

(-2, -2) (2, 2)

(E) hibás forrás

Forrás	Eredmény
<pre> \begin{tikzpicture}   \draw[very thin, gray!30](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \draw[-&gt;] (0,0) foreach \x in {0,60,...,300}     { (\x:0.5) -- (\x:1) } ; \end{tikzpicture} </pre>	B
<pre> \begin{tikzpicture}   \draw[very thin, gray!30](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \foreach \x in {0,60,...,300}     {\draw[-&gt;] ++(\x:0.5) -- ++(\x:1) ; } \end{tikzpicture} </pre>	C

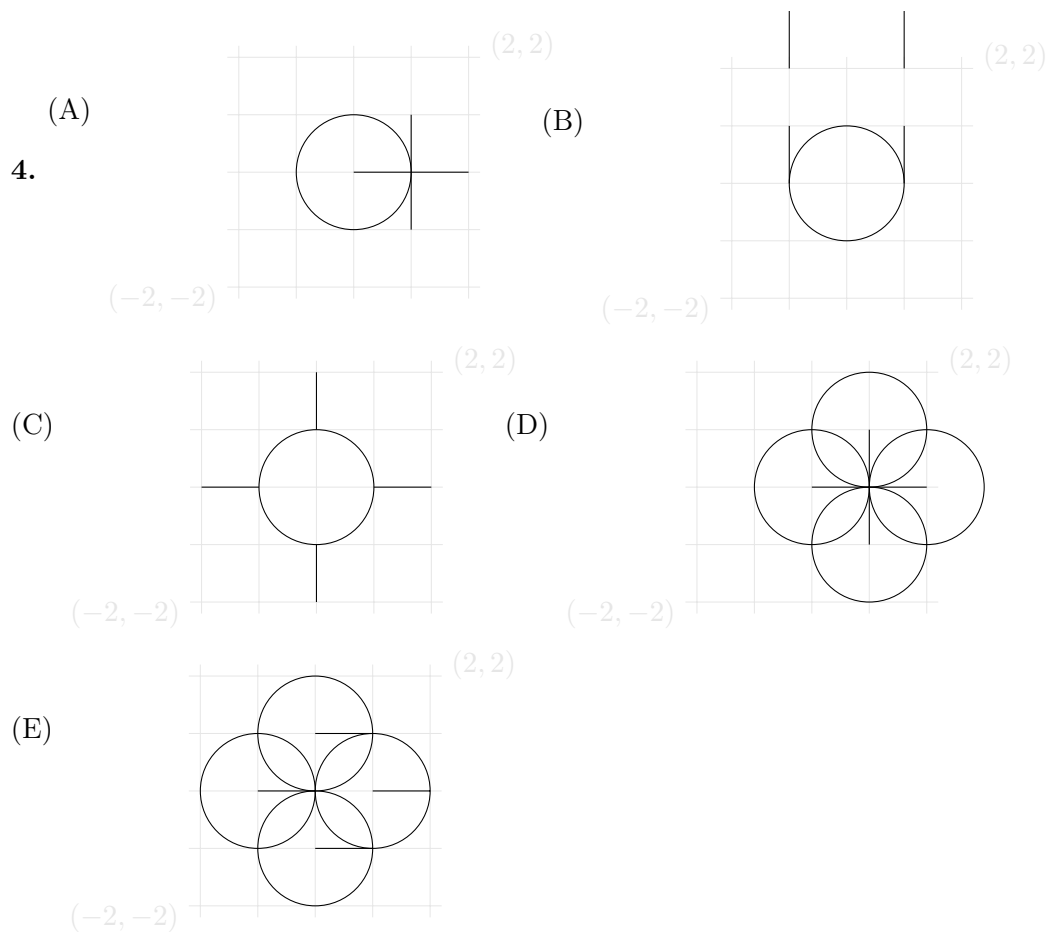
<pre>\begin{tikzpicture}   \draw[very thin, gray!30](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \foreach \x in {0,60,...,300}     {\draw[-&gt;] ++(\x:0.5) -- ++(\x:1) } ; \end{tikzpicture}</pre>	E
<pre>\begin{tikzpicture}   \draw[very thin, gray!30](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \foreach \x in {0,60,...,300}     {\draw[-&gt;] (\x:0.5) -- (\x:1) ; } \end{tikzpicture}</pre>	D
<pre>\begin{tikzpicture}   \draw[very thin, gray!30](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \draw[-&gt;] (0,0) foreach \x in {0,60,...,300}     { ++(\x:0.25) -- ++(\x:0.5) } ; \end{tikzpicture}</pre>	A

2. (A) <nincs eredmény> (B) False (C) <hibás forrás>

Forrás	Eredmény
a=3	A
3=4	C
3==4	B

3. (A)  $[x == -\sqrt{2}, x == \sqrt{2}]$  (B)  $[x == -\sqrt{2}]$  (C) <hibás forrás>

Forrás	Eredmény
<code>solve(x^2-2,x)</code>	A
<code>assume(x&lt;0); solve(x^2-2,x)</code>	B
<code>suppose(x&lt;0); solve(x^2-2,x)</code>	C



Forrás	Eredmény
<pre> \begin{tikzpicture}   \draw[very thin, gray!20](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \foreach \x in {0,90,...,270}     {\draw[shift={(\x:1)}] circle(1) -- (1,0);} \end{tikzpicture} </pre>	E
<pre> \begin{tikzpicture}   \draw[very thin, gray!20](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \draw circle(1);   \foreach \x in {0,90,...,270}     {\draw[rotate around={\x:(1,0)}] (1,0) -- (2,0);} \end{tikzpicture} </pre>	A

<pre> \begin{tikzpicture}   \draw[very thin, gray!20](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \draw circle(1);   \foreach \x in {0,90,...,270}     {\draw[rotate around={90:(\x:1)}] (1,0) -- (2,0);} \end{tikzpicture} </pre>	B
<pre> \begin{tikzpicture}   \draw[very thin, gray!20](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \foreach \x in {0,90,...,270}     {\draw[rotate around={\x:(1,0)}] circle(1) -- (1,0);} \end{tikzpicture} </pre>	D
<pre> \begin{tikzpicture}   \draw[very thin, gray!20](-2.2,-2.2)     node[below,left]{\(-2,-2\)}     grid (2.2,2.2) node[above,right]{\\$(2,2)\\$};   \draw circle(1);   \foreach \x in {0,90,...,270}     {\draw[rotate = \x] (1,0) -- (2,0);} \end{tikzpicture} </pre>	C

5. Legyen  $m = \text{matrix}([[1,2,3],[4,5,6],[7,8,9]])$ .

- (A) (7, 8, 9) (B) (2, 5, 8) (C) (4, 5, 6) (D) <hibás forrás>

Forrás	Eredmény
<code>m.row(2)</code>	A
<code>m.column(1)</code>	B
<code>m.row[1]</code>	D
<code>m[1]</code>	C