

Info 1

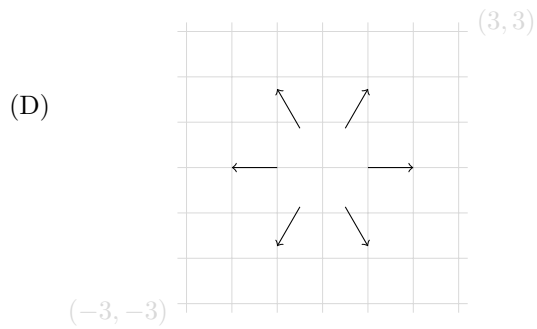
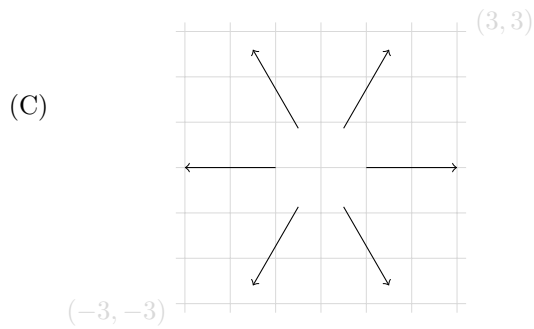
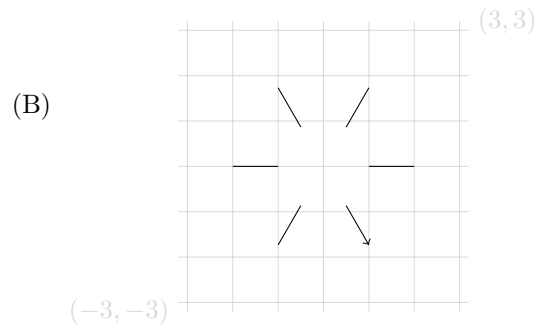
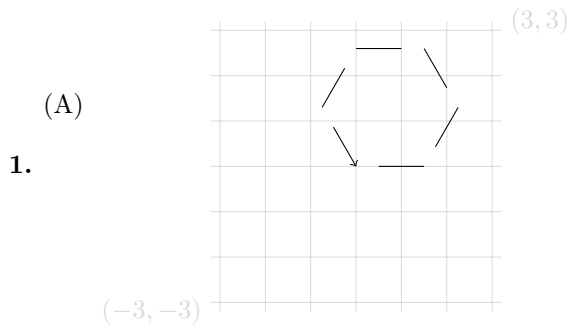
2025 őszi 2. zh

NÉV*

NEPTUN KÓD*

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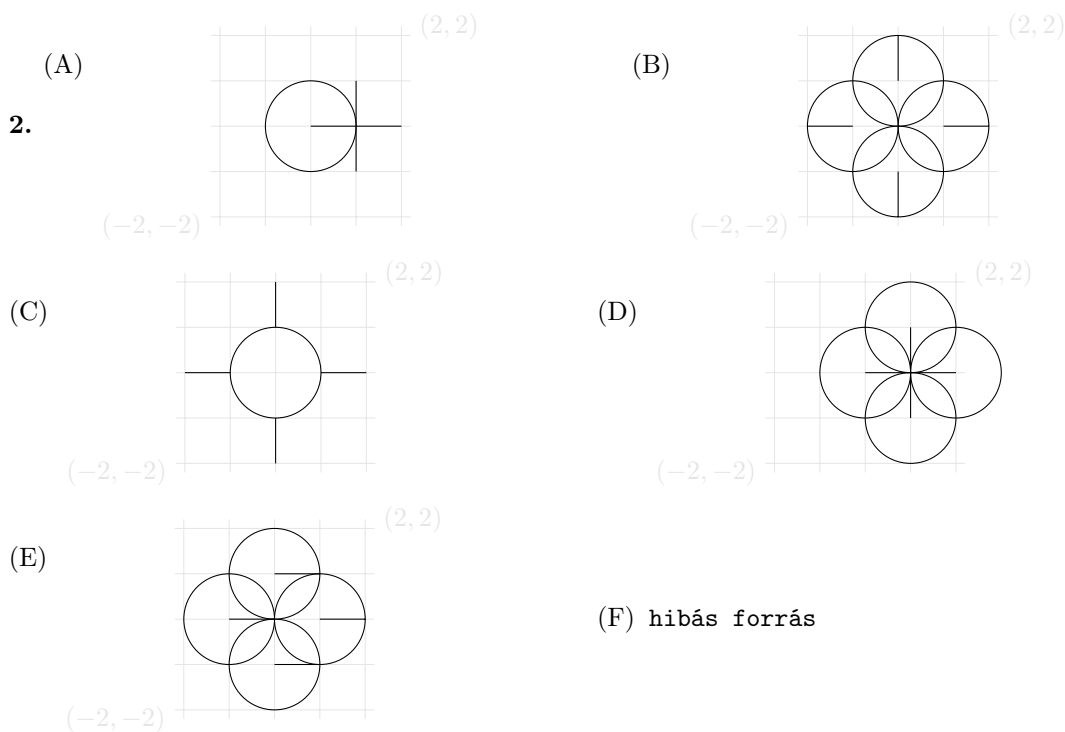
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(E) hibás forrás

Forrás	Eredmény
<pre>\begin{tikzpicture} \draw[very thin, gray!30](-3.2,-3.2) node[below,left]{\(-3,-3\)} grid (3.2,3.2) node[above,right]{\\$(3,3)\\$}; \foreach \x in {0,60,...,300} {\draw[->] (\x:1) -- (\x:2) ; } \end{tikzpicture}</pre>	D
<pre>\begin{tikzpicture} \draw[very thin, gray!30](-3.2,-3.2) node[below,left]{\(-3,-3\)} grid (3.2,3.2) node[above,right]{\\$(3,3)\\$}; \draw[->] (0,0) foreach \x in {0,60,...,300} { ++(\x:0.5) -- ++(\x:1) } ; \end{tikzpicture}</pre>	A
<pre>\begin{tikzpicture} \draw[very thin, gray!30](-3.2,-3.2) node[below,left]{\(-3,-3\)} grid (3.2,3.2) node[above,right]{\\$(3,3)\\$}; \foreach \x in {0,60,...,300} {\draw[->] (\x:1) -- ++(\x:2) ; } \end{tikzpicture}</pre>	C

<pre> \begin{tikzpicture} \draw[very thin, gray!30](-3.2,-3.2) node[below,left]{\(-3,-3\)} grid (3.2,3.2) node[above,right]{\\$(3,3)\\$}; \draw[->] foreach \x in {0,60,...,300} { (\x:1) -- (\x:2) } ; \end{tikzpicture} </pre>	B
<pre> \begin{tikzpicture} \draw[very thin, gray!30](-3.2,-3.2) node[below,left]{\(-3,-3\)} grid (3.2,3.2) node[above,right]{\\$(3,3)\\$}; \foreach \x in {0,60,...,300} {\draw[->] (\x:1) -- ++(\x:2) } ; \end{tikzpicture} </pre>	E

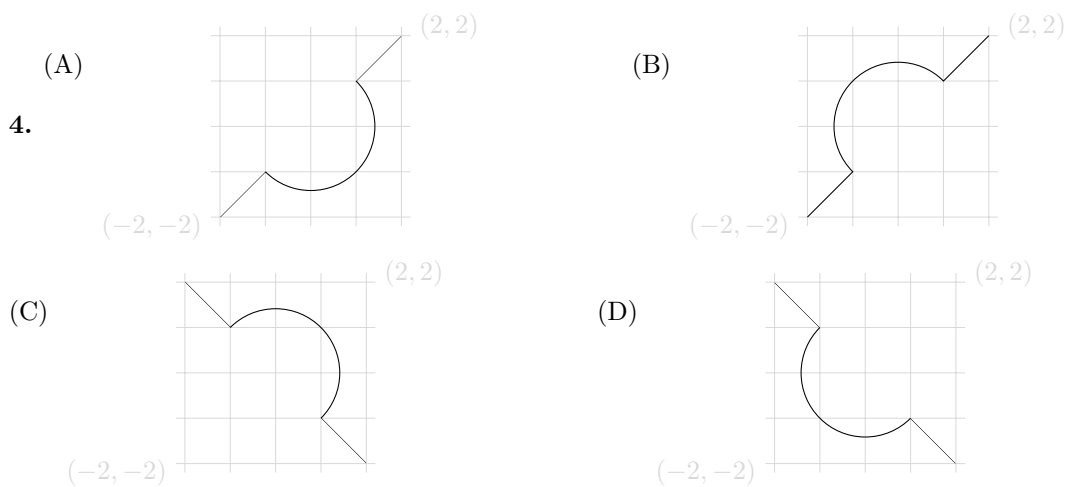


Forrás	Eredmény
<pre> \begin{tikzpicture} \draw[very thin, gray!20](-2.2,-2.2) node[below,left]{\(-2,-2\)} grid (2.2,2.2) node[above,right]{\\$(2,2)\\$}; \draw [shift={(\x:1)}] foreach \x in {0,90,...,270} { (0,0) circle(1) -- (1,0) ;} \end{tikzpicture} </pre>	F

<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)}] (2,0) 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)\\$}; \foreach \x in {0,90,...,270} {\draw[shift={(\x:1)}] (0,0) 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)\\$}; \foreach \x in {0,90,...,270} {\draw[rotate = \x] (1,0) circle(1) -- (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)\\$}; \draw (0,0) 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 (0,0) circle(1); \foreach \x in {0,90,...,270} {\draw[rotate = \x] (1,0) -- (2,0); } \end{tikzpicture}</pre>	C

3. (A) $[x == -\sqrt{2}, x == \sqrt{2}]$ (B) 1.41421356237310 (C) $[x == -\sqrt{2}]$
(D) -1.4142135623730951 (E) <hibás forrás>

Forrás	Eredmény
<code>find_root(x^2-2,-2,0)</code>	D
<code>suppose(x<0); solve(x^2-2,x)</code>	E
<code>solve(x^2-2,x)[1].rhs().n()</code>	B
<code>solve(x^2-2,x)</code>	A
<code>assume(x<0); solve(x^2-2,x)</code>	C



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)\\$} ; \clip (2,-2) -- (-2,2) -- (2,2) --cycle ; \draw (2,-2) -- ++(-1, 1) (0,0) circle({sqrt(2)}) (-2,2) -- ++(1,-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)\\$} ; \clip (2,-2) -- (-2,2) -- (-2,-2) --cycle ; \draw (2,-2) -- ++(-1, 1) (0,0) circle({sqrt(2)}) (-2,2) -- ++(1,-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)\\$} ; \clip (-2,-2) -- ++(4,0) -- ++(0,4) --cycle ; \draw (-2,-2) -- ++(1, 1) (0,0) circle({sqrt(2)}) (1,1) -- ++(1,1); \end{tikzpicture}</pre>	A
<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 (-2,-2) -- ++(1,1) arc (225:45:{sqrt(2)}) -- ++(1,1); \end{tikzpicture}</pre>	B