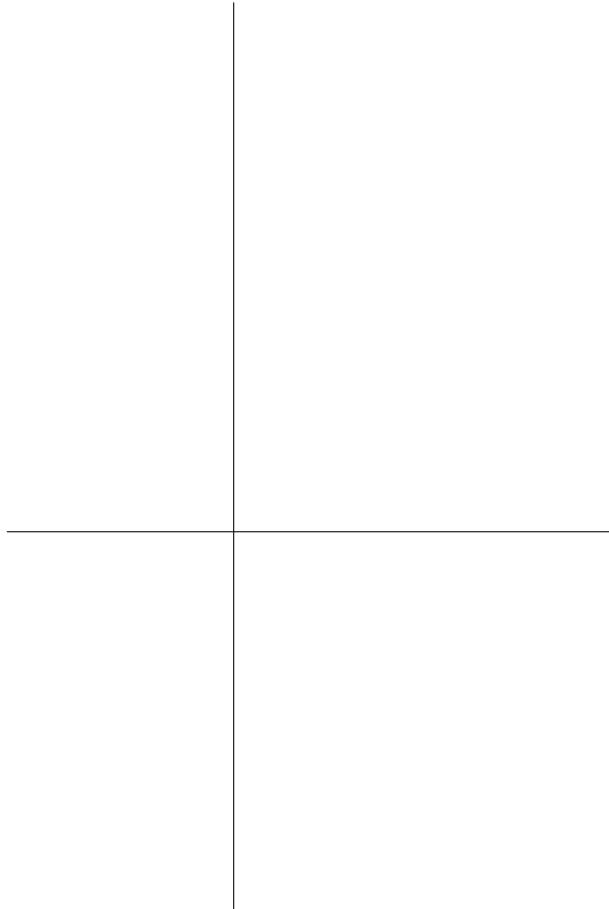
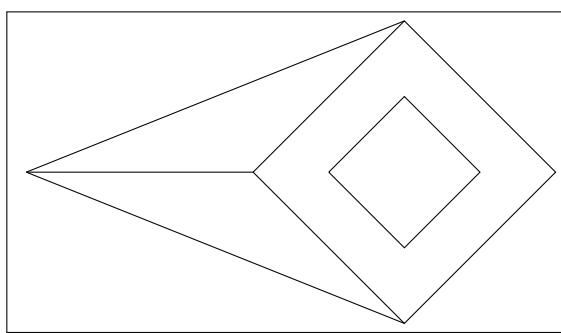


By Ali Reza Khoddami and applying the \usepackage{tikz}

```
1. \begin{tikzpicture}
  \draw (-3, 0) -- (5, 0);
  \draw (0, -5) -- (0, 7);
\end{tikzpicture}
```

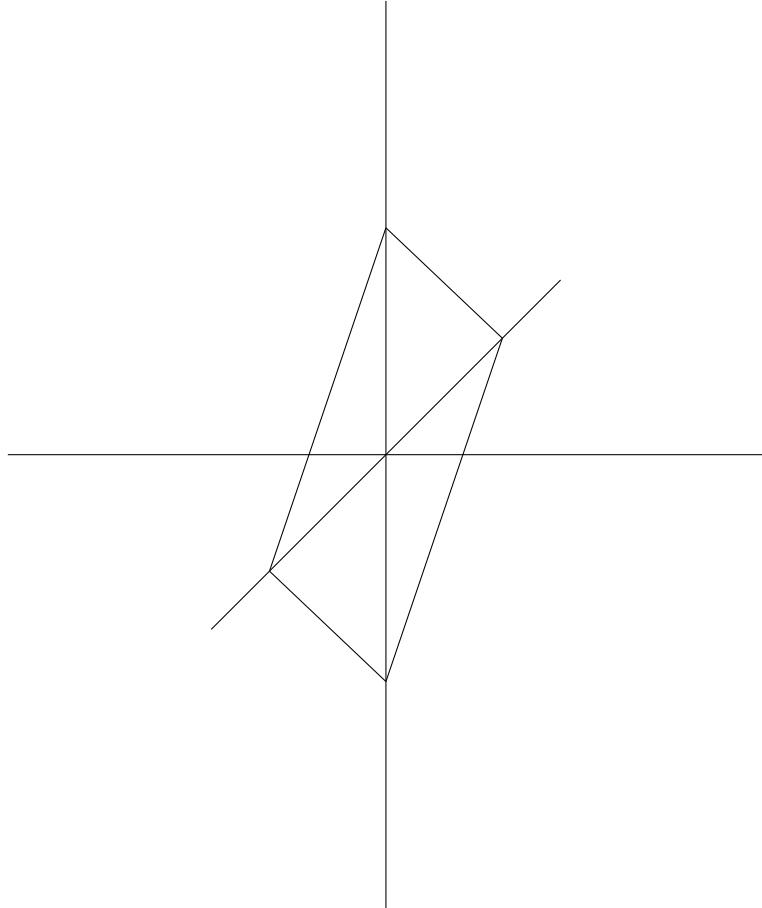


```
2. \fbox{
\begin{tikzpicture}
\draw (-1, 0)--(0,1)--(1,0)--(0, -1)--(-1, 0);
\draw (-2, 0)--(0, 2)--(2, 0)--(0, -2)--(-2,0);
\draw (-5, 0)--(0, 2);
\draw (-5, 0)--(-2, 0);
\draw (-5, 0)--(0, -2);
\end{tikzpicture}}
```

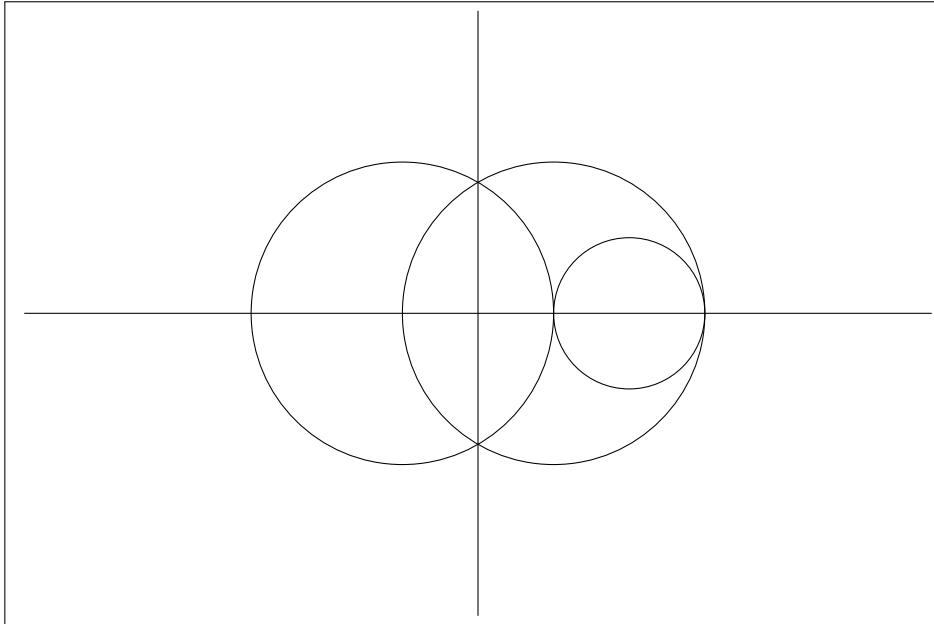


```
3. \begin{tikzpicture}
\draw (-5, 0, 0)--(5,0,0);
```

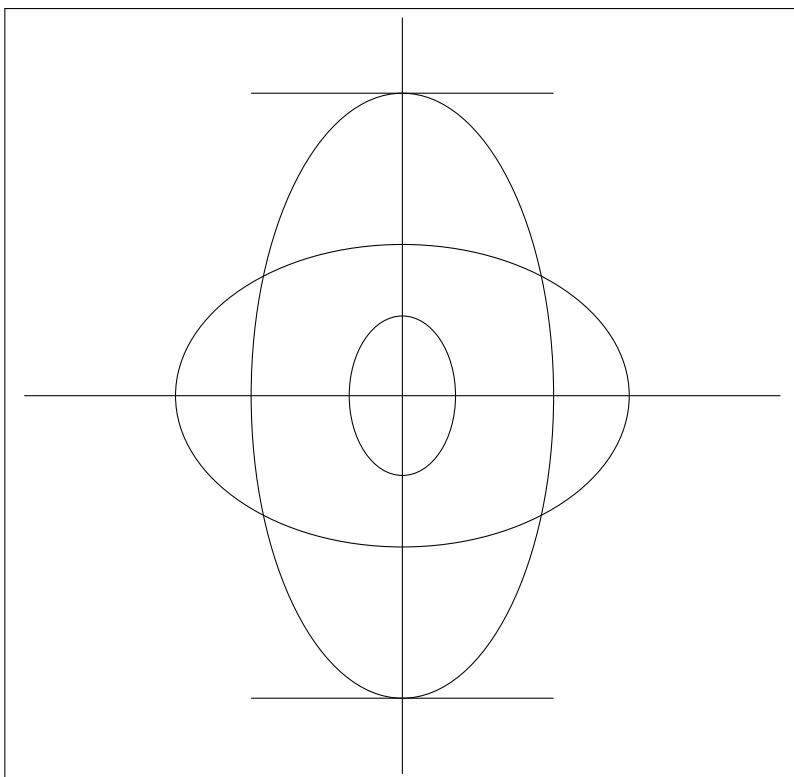
```
\draw (0, -6, 0)--(0,6, 0);
\draw (0, 0, -6)--(0, 0, 6);
\draw (0,3,0)--(0,0,-4);
\draw (0, 3, 0)--(0, 0, 4);
\draw (0, -3, 0)--(0, 0, -4);
\draw (0, -3, 0)--(0, 0, 4)
\end{tikzpicture}
```



```
4. \fbox {
\begin{tikzpicture}
\draw (-6, 0)--(6 ,0);
\draw (0, -4)--(0, 4);
\draw (-1, 0) circle [radius=2cm];
\draw (2, 0) circle [radius=1cm];
\draw (1, 0) circle [radius=2cm];
\end{tikzpicture}}
```



```
5. \fbox{  
  \begin{tikzpicture}  
    \draw (-5, 0)--(5,0);  
    \draw (0, -5)--(0,5);  
    \draw (0,0) ellipse [x radius=20pt, y radius=30pt];  
    \draw (0, 0) ellipse [x radius=2cm, y radius=4cm];  
    \draw (-2, 4)--(2,4);  
    \draw (-2, -4)--(2,-4);  
    \draw (0, 0) ellipse [x radius=3cm, y radius=2cm];  
  \end{tikzpicture}  
}
```

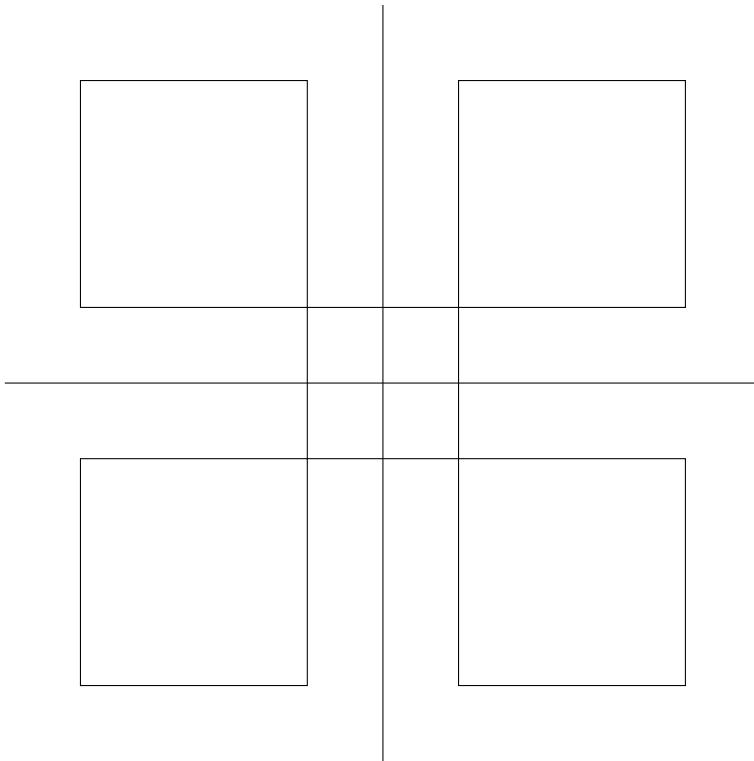


```
6. \begin{tikzpicture}  
  \draw (-5, 0)--(5,0);
```

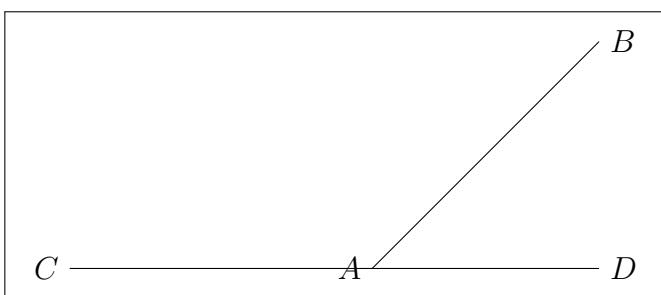
```

\draw (0, -5)--(0,5);
\draw (-1,1) rectangle (1, -1);
\draw (1,1) rectangle (4, 4);
\draw (-1,1) rectangle (-4, 4);
\draw (-1,-1) rectangle (-4, -4);
\draw (1,-1) rectangle (4, -4);
\end{tikzpicture}

```

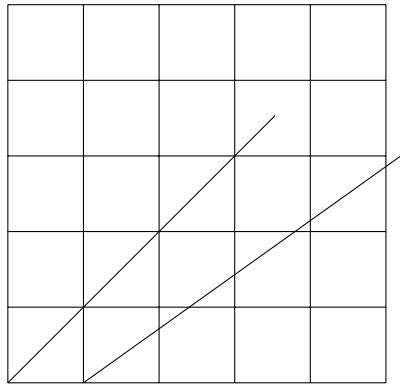


7. \fbox{
\begin{tikzpicture}
\coordinate [label=left : \$A\$] (A) at (1, 1);
\coordinate [label=right : \$B\$] (B) at (4, 4);
\draw (A)--(B);
\coordinate [label=left : \$C\$] (C) at (-3, 1);
\coordinate [label=right : \$D\$] (D) at (4, 1);
\draw (C)--(D);
\end{tikzpicture}
}



8. \begin{tikzpicture}
\draw [helpline] (0, 0) grid (5, 5);
\draw (0cm, 0cm)--(45 : 5cm);
\draw (1cm, 0cm)--(30 : 6cm);

\end{tikzpicture}



Be Successful
Ali Reza Khoddami