2D Orthogonal Coordinate Transformation Homework

Name: _____

In one right orthogonal Cartesian coordinate system, vector *a* has coordinates {2, 3}. What are the coordinates of vector *a* in a coordinate system with the same origin, type and scaling that is rotated 50° from the original coordinate system? Show your work.

In one right orthogonal Cartesian coordinate system, vector *a* has coordinates {2, 3}. What are the coordinates of vector *a* in a coordinate system with the same origin, type and scaling that is rotated –30° from the original coordinate system? Show your work.