2. value:
10.00 points

Rocky Mountain Corporation makes two types of hiking boots—Xactive and Pathbreaker. Data concerning these two product lines appear below:

	Xactive	Pathbreaker
Direct materials per unit	$ 64.50	$ 50.70
Direct labor cost per unit	$ 17.90	$ 12.70
Direct labor-hours per unit	1.4 DLHs	1 DLHs
Estimated annual production and sales	22,000 units	72,000 units

The company has a conventional costing system in which manufacturing overhead is applied to units based on direct labor-hours. Data concerning manufacturing overhead and direct labor-hours for the upcoming year appear below:

Estimated total manufacturing overhead	$2,025,160
Estimated total direct labor-hours	102,800 DLHs

Required:

1-a. Compute the predetermined overhead rate based on direct labor-hours. **(Round the intermediate calculations and final answer to two decimal places.)**

Predetermined overhead rate	$	19.70	per DLH