

1.4H Warm Up

Working with Matrices

1. The Baltic Sea covers 147,500 square miles of area and has an average depth of 180 feet. The North Sea covers 164,900 square miles of area and has an average depth of 308 feet. The Red Sea has an area of 174,900 square miles and has an average depth of 1,764 feet. The East China Sea has an area of 256,600 square miles and an average depth of 620 feet. Create a matrix to display this information organized by area and depth of each sea?

2. This matrix shows the cost of cell phone service offered by several different companies.

	Monthly Cost for 200 Minutes	Cost of Each Minute over 200 Minutes
Company 1	\$39.00	\$0.05
Company 2	\$27.00	\$0.08
Company 3	\$42.00	\$0.04
Company 4	\$30.00	\$0.06

What is the cost of 320 minutes with Company 4?