

Name \_\_\_\_\_

## The Busy Factory Inside Cells: Exploring the Endoplasmic Reticulum

### Short Answer Key

1. The primary function of the endoplasmic reticulum is protein synthesis.
2. The rough endoplasmic reticulum is responsible for protein synthesis.
3. Ribosomes give the rough endoplasmic reticulum its rough appearance.
4. The smooth endoplasmic reticulum is involved in lipid metabolism.
5. Understanding the endoplasmic reticulum is important in cell biology to unravel the mechanisms underlying cellular processes.

