

Wrapping Up Multiplication and Division with Multi-Digit Numbers: Section C Checkpoint

1. Kansas and South Dakota both have rectangular shapes. Kansas is 660 km long and 343 km wide. South Dakota is 610 km long and 340 km wide.
 - a. Is the area of Kansas greater than or less than 200,000 square kilometers? Explain or show your reasoning.

- b. Explain why 200,000 square kilometers is a good estimate for the area of South Dakota.

2. The back of a garbage truck is 23 feet long, 8 feet wide, and 12 feet tall. How many loads of trash from the garbage truck will it take to fill a 40 foot by 9 foot by 8 foot storage container? Explain or show your reasoning.