



Name _____ Date _____

Perimeter and Customary Units of Length

CA Standards
KEY NS 3.2, MG 1.0

Solve each problem.

1. Grace measured the perimeter of her bedroom in feet and in yards. Which was the greater measurement: the number of feet or the number of yards? Explain your answer.

Customary Units of Length

1 foot (ft) = 12 inches (in.)

1 yard (yd) = 3 feet

1 yard (yd) = 36 inches

1 mile (mi) = 1,760 yards

1 mile (mi) = 5,280 feet

2. Grace's bedroom is 6 yards long and 12 feet wide. Find the perimeter of the room in feet. Then find the perimeter of the room in yards.

3. Grace wants to put a wallpaper border around the top of the room. Each roll of wallpaper border is 120 inches long. How many rolls will she need?

4. Grace bought material to make curtains for her bedroom windows. She bought 12 yards of material. She plans to make 6 curtains and needs 6 feet for each curtain. Did she buy enough material? Explain your answer.

5. Grace also bought 2 lengths of ribbon to trim a picture frame. One length was 18 inches. The sum of both lengths was 4 feet. What was the length of the second piece of ribbon?

6. Grace says that 9 yards is the same as 27 feet which is the same as 108 inches. What has she done wrong?
