

# Problem Solving with Conversions

Name: \_\_\_\_\_

Inches, Feet, Yards, Miles

4.8C

1. Maria is on a scavenger hunt. She walked 83 feet to the first clue and 8 yards to the next clue. How many feet did she walk in all?

2. Bella makes 4 ribbon flowers. Each flower uses 18 inches of ribbon. After making the flowers, she has 3 feet of ribbon left. How many feet of ribbon did she have to start with?



3. A banner is made from 15 triangles. Each triangle is 8 inches wide. How many feet long is the banner?

4. A restaurant has two display cases next to each other. One is 4 ft long and the other is 50 in long. How long are they altogether in inches?

5. Justin painted his entire fence. He painted 57 feet of the fence one day and 13 yards another day. How many feet long is his fence?



6. Luke has an 8 foot board. He is going to cut five 16 inch pieces from his board for a project. How long will his board be in inches after cutting these pieces off?

7. An obstacle course is 489 yards long. The distance from the start to the giant climbing wall is 150 feet. After Tim gets to the climbing wall, how many yards are left in the course?



8. Adam has one snake that is 28 inches long. His other snake is 3 feet long. What is the combined length in inches of his snakes?

9. Olivia ran four 50 yard sprints. She also ran 1 mile. How many yards did she run in all?

10. A factory produced 850 feet of rope on Monday and 1,517 feet on Tuesday. How many yards of rope were produced on Monday and Tuesday combined?

