

For practice, the team swims 352 laps in a 25-yard pool. The total distance each swimmer swims is 8,800 yards, or 5 miles.

a. Draw a bar model and use proportional reasoning to find the number of yards in 1 mile, the unit rate.

b. Check your answer by using a different strategy. 1 mile is 5,280 feet and 1 yard is 3 feet. How many yards, or groups of 3 feet, are in 1 mile?