

## Study Link

## Number Stories-Distance



8-3

Answer the following questions using the mass conversions.

1. How many millimeters in 1 centimeter? \_\_\_\_\_
2. How many millimeters in 2 centimeters? \_\_\_\_\_
3. How many centimeters in 1 meter? \_\_\_\_\_
4. How many centimeters in 2 meters? \_\_\_\_\_
5. How many meters in 1 kilometer? \_\_\_\_\_
6. How many inches in 1 foot? \_\_\_\_\_
7. How many inches in 2 feet? \_\_\_\_\_
8. How many feet in 1 yard? \_\_\_\_\_
9. How many feet in 2 yards? \_\_\_\_\_

$$12 \text{ inches} = 1 \text{ foot}$$

$$3 \text{ feet} = 1 \text{ yard}$$

$$1,760 \text{ yards} = 1 \text{ mile}$$

$$1 \text{ mile} = 1.6 \text{ kilometers}$$

$$1,000 \text{ meters} = 1 \text{ kilometer}$$

$$100 \text{ centimeters} = 1 \text{ meter}$$

$$10 \text{ millimeters} = 1 \text{ centimeter}$$

**Solve.**

John went running for 3 days in a row. On Monday he ran 2 miles, on Tuesday he ran 2,556 yards, and on Wednesday he ran 1 mile. What is the total number of **yards** he ran in those three days?

**John ran** \_\_\_\_\_ **yards.**

