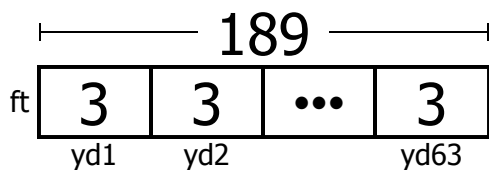


1.

$$189_{\text{ft}} = 63_{\text{yd}}$$

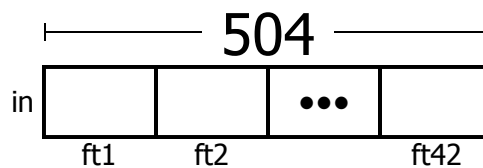


How many **ft** in 1 **yd**?

$$189 \div 63 = 3$$

2.

$$504_{\text{in}} = 42_{\text{ft}}$$

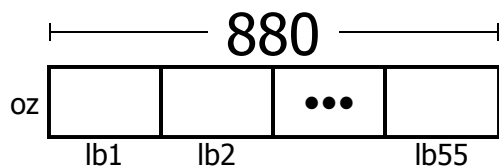


How many **in** in 1 **ft**?

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

3.

$$880_{\text{oz}} = 55_{\text{lb}}$$

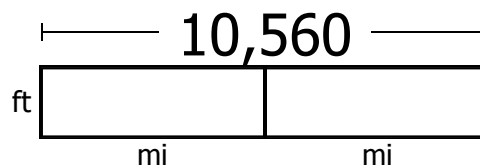


How many **oz** in 1 **lb**?

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

4.

$$10,560_{\text{ft}} = 2_{\text{mi}}$$



How many **ft** in 1 **mi**?

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

1.

$$178_{\text{c}} = 89_{\text{pt}}$$

How many **c** in 1 **pt**? _____

2.

$$296_{\text{qt}} = 74_{\text{gal}}$$

How many **qt** in 1 **gal**? _____

3.

$$285_{\text{ft}} = 95_{\text{yd}}$$

How many **ft** in 1 **yd**? _____

4.

$$976_{\text{oz}} = 61_{\text{lb}}$$

How many **oz** in 1 **lb**? _____

5.

$$648_{\text{in}} = 54_{\text{ft}}$$

How many **in** in 1 **ft**? _____

6.

$$176_{\text{fl oz}} = 22_{\text{c}}$$

How many **fl oz** in 1 **c**? _____

1.

$$648_{\text{in}} = 54_{\text{ft}}$$

How many **in** in 1 **ft**? _____

2.

$$194_{\text{pt}} = 97_{\text{qt}}$$

How many **pt** in 1 **qt**? _____

3.

$$576_{\text{fl oz}} = 72_{\text{c}}$$

How many **fl oz** in 1 **c**? _____

4.

$$768_{\text{oz}} = 48_{\text{lb}}$$

How many **oz** in 1 **lb**? _____

5.

$$328_{\text{qt}} = 82_{\text{gal}}$$

How many **qt** in 1 **gal**? _____

6.

$$15,840_{\text{ft}} = 3_{\text{mi}}$$

How many **ft** in 1 **mi**? _____

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?

SPLIT DECISION – Customary Units

Choose the best answer for each question below.

A whiteboard marker is approximately how long?

____ 4 feet

____ 4 inches

An adult man is about how tall?

____ 6 yards

____ 6 feet

?

A refrigerator weighs closer to:

____ 200 ounces

____ 200 pounds

A cell phone weighs about:

____ 4 ounces

____ 4 pounds

?

If you squeeze an orange, you will get about how much orange juice?

____ 2 fluid ounces

____ 2 pints

A bathtub holds about how much water

____ 50 cups

____ 50 gallons