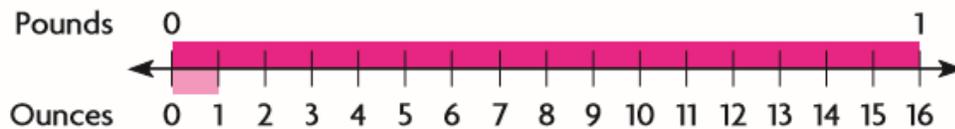


**Math:** Today, you will learn customary units of weight and the relationship between them.

## Customary Units of Weight: Ounces, Pounds, Tons

The number line below shows the relationship between pounds and ounces.



\*There are **16 ounces** in **1 pound**.

\*Do you see a pattern?

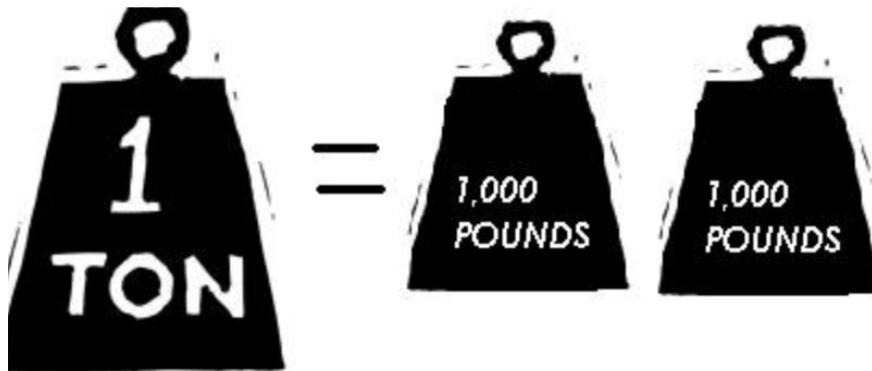
**1 pound** equals **16 ounces** because  $1 \times 16 = 16$ .

**2 pounds** equals **32 ounces** because  $2 \times 16 = 32$ .

**3 pounds** equals **48 ounces** because  $3 \times 16 = 48$ .

**4 pounds** equals **64 ounces** because  $4 \times 16 = 64$ .

**5 pounds** equals **80 ounces** because  $5 \times 16 = 80$ .



\*There are **2,000 pounds** in **1 ton**.

\*Do you see a pattern?

**1 ton** equals **2,000 pounds** because  $1 \times 2,000 = 2,000$ .

**2 tons** equals **4,000 pounds** because  $2 \times 2,000 = 4,000$ .

**3 tons** equals **6,000 pounds** because  $3 \times 2,000 = 6,000$ .

**4 tons** equals **8,000 pounds** because  $4 \times 2,000 = 8,000$ .

**5 tons** equals **10,000 pounds** because  $5 \times 2,000 = 10,000$ .

\*Let's put that all together!

Customary Weight  
16 ounces (oz.) = 1 pound (lb.)  
2,000 pounds (lbs.) = 1 ton (T)



Examples:

- 1 ounce – dog biscuit
- 1 pound – can of corn
- 1 ton – truck



\*Abbreviations for **ounces** is **oz**, **pound** is **lb**, **tons** is **t**.

Let's do some examples together!

**Directions:** Fill in the blank.

6 pounds = \_\_\_\_\_ ounces      **Answer:** 96 oz

How did I get 96 oz? I multiplied  $6 \times 16$  because there are 16 oz in 1 lb and it said 6 lbs equals how many oz.

4 tons = \_\_\_\_\_ pounds      **Answer:** 8,000 lb

How did I get 8,000? I multiplied  $4 \times 2,000$  because there are 2,000 lbs in 1 t and it said 4 t equals how many lbs.

**Directions:** Compare with less than, greater than, or equal to.

1 pound  $\bigcirc$  15 ounces      **Answer:** 1 lb  $>$  15 oz or greater than

How did I get 1 lb is greater than 15 oz? I know that 1 lb equals 16 oz and 16 is greater than 15.

2 tons  $\bigcirc$  2,000 pounds      **Answer:** 2 t  $>$  2,000 lbs or greater than

How did I get 2 t is greater than 2,000 lbs? I know that 1 t equals 2,000 lbs, so 2 t equals 4,000 lbs because  $2 \times 2,000 = 4,000$  and 4,000 is greater than 2,000.

**Customary units of weight song:**

<https://www.youtube.com/watch?v=zoifk5jDDHY>

## Your Turn! Practice Problems:

**Directions:** Fill in the blank.

1. 2 pounds = \_\_\_\_\_ ounces      Answer:

2. 10 pounds = \_\_\_\_\_ ounces      Answer:

3. 7 tons = \_\_\_\_\_ pounds      Answer:

4. 3 tons = \_\_\_\_\_ pounds      Answer:

**Directions:** Compare with **less than**, **greater than**, or **equal to**.

5. 8 pounds ○ 80 ounces      Answer:

6. 1 ton ○ 100 pounds      Answer: