



Additional Practice 12-3

Convert Customary Units of Weight

Another Look!

Remember:

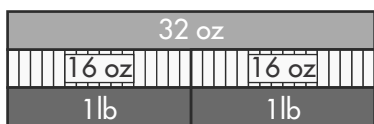
1 ton equals 2,000 pounds and
1 pound equals 16 ounces.



How to change from one unit of weight to another:

Converting from a smaller unit
to a larger unit:

32 ounces = _____ pounds

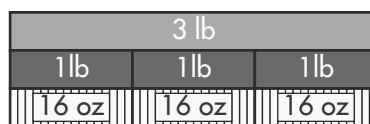


You know 16 oz = 1 lb, so divide.

Find $32 \div 16$; 32 oz = 2 lb.

Converting from a larger unit
to a smaller unit:

3 pounds = _____ ounces



You know 1 lb = 16 oz, so multiply.

Find 3×16 ; 3 lb = 48 oz.

In 1–6, convert each unit of weight.

1. 4 T = _____ lb

2. 5 lb = _____ oz

3. 5,500 lb = _____ T

4. $2\frac{1}{2}$ lb = _____ oz

5. 90 lb = _____ oz

6. 224 oz = _____ lb

In 7–12, compare. Write $>$, $<$, or $=$ for each \bigcirc .

7. 16 lb \bigcirc 16 oz

8. 1,500 lb \bigcirc 2 T

9. 3 T \bigcirc 5,999 lb

10. 1,600 oz \bigcirc 10 lb

11. 19 lb \bigcirc 300 oz

12. 8 oz \bigcirc $\frac{1}{2}$ lb

In 13 and 14, complete each table to show equivalent measures.

13.

pounds	2,000	3,000	
tons			3

14.

ounces	16	48	
pounds			10



In **15** and **16**, use the recipe.

15. Aaron bought these ingredients to make the trail mix recipe. How many pounds of trail mix will he make?

16. Model with Math Aaron wants to divide the trail mix equally into 6 bags to give to his friends. How much trail mix will be in each bag? Draw a bar diagram and write an equation to help you find the answer.



17. Number Sense A candy maker buys a bar of chocolate weighing 162 ounces. About how many pounds does the bar weigh?

18. Higher Order Thinking Karla bought 2 pounds of broccoli, $1\frac{3}{4}$ pounds of green beans, and 10 ounces of kale. How much do Karla's vegetables weigh in all? Write your answer two different ways.

19. Students visited a zoo where they learned that a large white rhinoceros could weigh as much as 6,000 pounds. How many tons is this?

20. Algebra Complete the table. Write the expression that can be used to find the missing value in the second row.

n	12	15	21	28
$n + \underline{\hspace{1cm}}$	18	21	27	

Assessment Practice

21. Part A

Paula's kitten weighs $3\frac{1}{2}$ pounds. Write this weight using pounds and ounces.

____ pounds ____ ounces

Part B

Explain how you found your answer.