

MY Homework**Lesson 6****Convert Customary Units of Weight****Homework Helper**Need help? connectED.mcgraw-hill.com

The world's heaviest apple weighed 65 ounces.
Did this apple weigh more than 4 pounds?

To answer this question, you need to convert one unit of weight to match the other.

Convert pounds to ounces.

To convert from a larger unit to a smaller unit, you need to multiply.

$$4 \text{ pounds} \times 16 \text{ ounces} = 64 \text{ ounces}$$

Since $65 > 64$, the 65-ounce apple did weigh more than 4 pounds.

Use the conversion table to check.

65 ounces is between 4 and 5 pounds.

pounds (lb)	ounces (oz)	(lb, oz)
4	64	(4, 64)
5	80	(5, 80)
6	96	(6, 96)
7	112	(7, 112)

Helpful Hint

1 pound (lb) = 16 ounces (oz)

2,000 pounds (lb) = 1 ton (T)

Practice

Convert units to complete each equation.

1. $3 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$

2. $3 \text{ T} = \underline{\hspace{2cm}} \text{ lb}$

3. $\underline{\hspace{2cm}} \text{ oz} = 10 \text{ lb}$

4. $9 \text{ T} = \underline{\hspace{2cm}} \text{ lb}$

Convert units to complete each equation.

5. $\frac{1}{2}$ ton = _____ pounds

6. $\frac{1}{4}$ pound = _____ ounces

Complete each conversion table.

7.

pounds (lb)	ounces (oz)	(lb, oz)
5		
7		
9		
11		

8.


tons (T)	pounds (lb)	(T, lb)
4		
8		
12		
16		



Problem Solving

9. Kylie bought a bunch of grapes that weighed 2 pounds and 9 ounces. How much did the grapes weigh in ounces only?

10. Brent's pick-up truck can carry $\frac{1}{5}$ ton. Nina's pick-up truck can carry 500 pounds. Whose pick-up truck can carry more weight? Explain.

11. **Mathematical PRACTICE**  **Use Number Sense** Charlotte's family bought a 2-pound block of cheese. There is $\frac{1}{4}$ of the block of cheese left. How many ounces of cheese has Charlotte's family eaten?

Test Practice

12. Which weight is equal to 3 tons?

(A) 2,000 pounds (C) 5,000 pounds

(B) 3,000 pounds (D) 6,000 pounds