LESSON MAKER PRO

Pounds to Ounces

Use the pound-ounce connection to solve measurement problems.

GRADE 4 · 4.MG.1.d.ii

4.MG.1.d.ii "Given the equivalent measure of one unit, solve problems, including those in context, by determining the equivalent measures within the U.S. Customary system for: weight/mass (ounces and pounds); and"

NAME _____ DATE _____

THE BIG IDEA

There are 16 ounces in 1 pound. To change pounds to ounces, multiply by 16. To change ounces to pounds, divide by 16.

WORKED EXAMPLE

Change 5 pounds to ounces.

1. 1 pound = 16 ounces.
2. 5 × 16 = 80.
3. 5 pounds = 80 ounces.

Answer: 80 ounces

PRACTICE 6 problems

1 Change 3 pounds to ounces.

ANSWER _____

2 Change 64 ounces to pounds.

ANSWER _____

3 Change 2 pounds 8 ounces to ounces.

ANSWER _____

4 Change 96 ounces to pounds.

ANSWER _____

5 Change 7 pounds to ounces.

ANSWER _____

6 Change 1 pound 12 ounces to ounces.

ANSWER _____

APPLY IT Show your work

1 A pet shelter gets an 8-pound bag of dry food for its puppies. How many ounces of food are in the bag?

WORK SPACE

ANSWER _____

2 The science club collected 144 ounces of rocks for a display. How many pounds of rocks did the club collect?

WORK SPACE

ANSWER _____

CHALLENGE One step up

Two bags for a camping trip weigh 3 pounds 14 ounces and 4 pounds 8 ounces. What is their total weight in ounces?

WORK SPACE AND ANSWER

ANSWER KEY

Pounds to Ounces

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PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Change 3 pounds to ounces.	**48 ounces**
2	Change 64 ounces to pounds.	**4 pounds**
3	Change 2 pounds 8 ounces to ounces.	**40 ounces**
4	Change 96 ounces to pounds.	**6 pounds**
5	Change 7 pounds to ounces.	**112 ounces**
6	Change 1 pound 12 ounces to ounces.	**28 ounces**

PART 2 · APPLY IT

1. **128 ounces** Multiply 8 pounds by 16 ounces per pound. 8 × 16 = 128.
2. **9 pounds** Divide 144 ounces by 16 ounces per pound. 144 ÷ 16 = 9.

CHALLENGE

134 ounces

Accept correct answers with units. For the challenge, also accept 8 pounds 6 ounces as an equivalent total.