

Weighing to Solve Problems

NCTM Standards 1, 4, 6, 7, 8, 9, 10

Fill in the blanks.

- 1 Dana used a scale and found out that the dictionary in her classroom weighed **4 lb, 5 oz** or _____ oz.
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- 2 How much would **2** dictionaries weigh?

_____ lb, _____ oz or _____ oz

- 3 How much would **10** dictionaries weigh?

_____ lb, _____ oz or _____ oz



- 4 If a shelf can't hold more than **20 pounds**, what is the largest number of dictionaries you could put on the shelf?

_____ dictionaries weighing _____ lb, _____ oz, or _____ oz

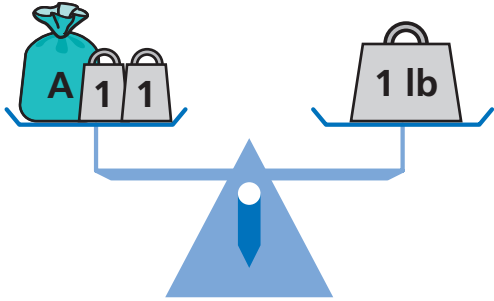


- 5 About how many dictionaries are there in a **ton** of dictionaries? Explain how you found your estimate.

Find the weight. All bags with the same label have the same weight.

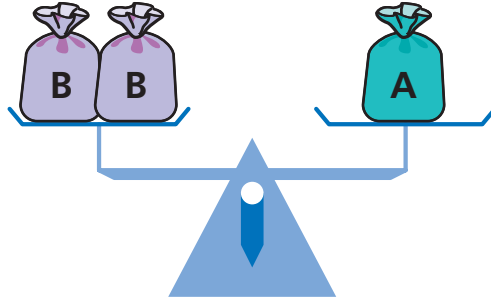
 1 lb weighs 1 pound.
 1 weighs 1 ounce.

6



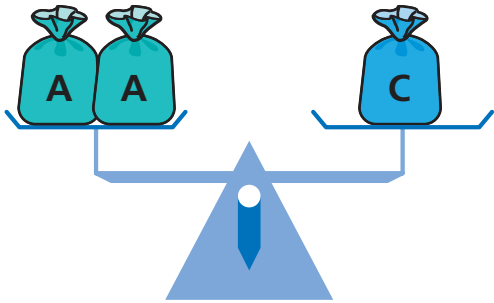
 A weighs _____ lb, _____ oz.

7



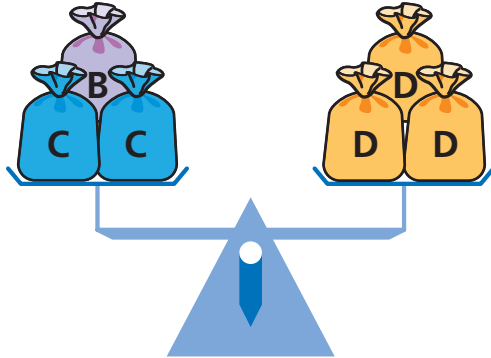
 B weighs _____ lb, _____ oz.

8



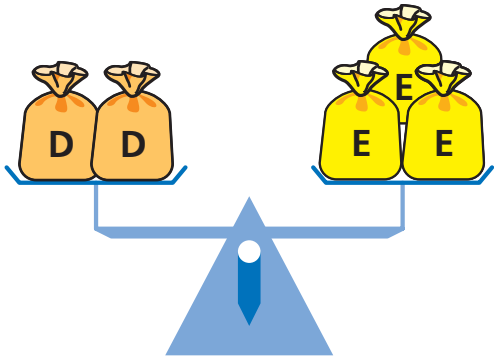
 C weighs _____ lb, _____ oz.

9



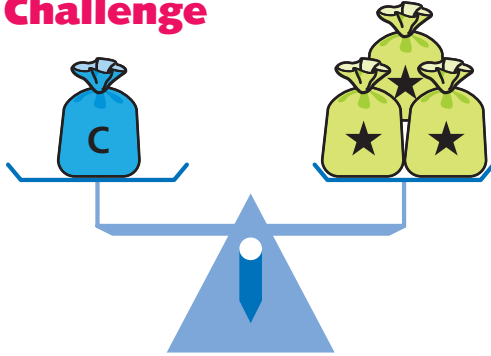
 D weighs _____ lb, _____ oz.

10



 E weighs _____ lb, _____ oz.

11 **Challenge**



 weighs _____ lb, _____ oz.