

5-4**Real-Life Career Activity*****Inventory Manager***

An inventory manager keeps track of the items a store has on its shelves and in its storage areas. The manager knows how many items a store needs and orders more as supplies run low. The manager gives new items a tracking number and stores them where the staff can find them quickly and easily.

Mail-order companies often charge customers a shipping fee that is based on the weight of the merchandise ordered. The inventory manager makes sure that orders are weighed and labeled.

Suppose a mail-order company charges customers for each quarter of a pound the company ships. The inventory manager records the weight of each item to the nearest quarter pound.

If an item is labeled *weight* = 12.25 lb, how would the inventory manager record this weight as a mixed number?

$$0.25 = \frac{1}{4}, \text{ so } 12.25 = 12\frac{1}{4}.$$

The inventory manager would record the weight as $12\frac{1}{4}$ pounds.

Rewrite each weight as a fraction or mixed number.

1. 4.5 lb

2. 2.0 lb

3. 4.4 lb

4. 6.25 lb

5. 7.75 lb

6. 6.2 lb

7. 3.85 lb

8. 10.7 lb

9. 7.65 lb

