

Mass word problems (customary units)

Grade 5 Word Problems Worksheet

1. A package that is heavier than 11 lbs and 8 oz will have a label that says “heavy” on it. Gloria packed 6 flowerpots to send to her customers. Each of the flowerpots weighs 1 lb and 12 oz. The packing material weighs 5 oz. Will her package be labeled as “heavy”?

2. A packing box can hold up to 15 lbs. If Jack puts 9 lbs and 12 oz of clothes in the box, how much more weight can the packing box hold?

3. Will is unpacking a box of utensils. The total weight of the box of utensils is 4 lbs and it contains 16 forks. What is the weight of each fork?



Answers

- $1 \text{ lb } 12 \text{ oz} \times 6 + 5 \text{ oz}$
 $= 6 \text{ lb } 72 \text{ oz} + 5 \text{ oz}$
 $= 6 \text{ lb } 77 \text{ oz}$
 $= 10 \text{ lb } 13 \text{ oz}$
 $10 \text{ lbs } 13 \text{ oz} < 11 \text{ lbs } 8 \text{ oz}$
Her package will not be labeled as “heavy”.
- $15 \text{ lbs} - 9 \text{ lbs } 12 \text{ oz}$
 $= 14 \text{ lbs } 16 \text{ oz} - 9 \text{ lbs } 12 \text{ oz}$
 $= 5 \text{ lbs } 4 \text{ oz}$
The packing box can take 5 lbs 4oz more weight.
- $4 \text{ lbs} = 4 \times 16 = 64 \text{ oz}$
 $64 \div 16 = 4$
Each fork is 4 oz.
- $24 \times 8 \div 32 = 6$
She needs to take 6 trips.
- $8 \text{ lbs } 7 \text{ oz} + 6 \text{ lbs } 12 \text{ oz}$
 $= 14 \text{ lbs } 19 \text{ oz}$
 $= 15 \text{ lbs } 3 \text{ oz}$
The total weight of the supplies is 15 lbs 3 oz.
- $50 \times 34 = 1,700 \text{ lbs}$
 $4,530 - 1,700 = 2,830 \text{ lbs}$
Answer is (a).