

Mass word problems (customary units)

Grade 5 Word Problems Worksheet

1. In the grocery store, a trolley can hold 20 lbs of groceries. Annie put 12 lbs 8 oz of groceries on the trolley. How much more weight can the trolley hold?

2. Stephanie will be sending 2 parcels of personal items to her niece. The big parcel weighs 12 lbs 11 oz and the smaller parcel is 3 lbs 1 oz lighter than the big parcel. What is the combined weight of the two parcels?

3. Joel bought 10 lbs 8 oz of concrete nails for barbed wire to be attached around the top of the concrete fence. He has used some of the nails, and 65 oz are left. What weight of concrete nails has Joel used? Express your answer in pounds and in ounces?





4. Rey received a Christmas gift of 3 sets of 4 large mugs. Each set of large mugs weighs a total of 3 lbs 4 oz. What is the weight of each large mug?

5. A woven rattan basket can hold up 6 lbs of items. A net bag of 4 oranges weighs 12 ounces. How many bags of oranges can the basket hold?

- 6. A refrigerator weighs 160 lbs and a top-loading washing machine weighs 150 lbs. When the appliances store had 5 refrigerators and 8 washing machines to be transferred to another store, they loaded it all onto an appliance delivery truck which can hold 2,200 lbs. The truck has room for how many more pounds?
 - a. 100
 - b. 200
 - c. 300
 - d. 350



Answers

- 20 lbs = 19 lbs 16 oz
 19 lbs 16 oz 12 lbs 8 oz = 7 lbs 8 oz
 The trolley can hold 7 lbs 8 oz more of groceries.
- 2. Smaller parcel: 12 lbs 11 oz 3 lbs 1 oz = 9 lbs 10 oz 12 lbs 11 oz + 9 lbs 10 oz = 21 lbs 21 oz = 22 lbs 5 oz The weight of the 2 parcels is 22 lbs 5 oz.
- 3. 65 oz = 4 lbs 1 oz10 lbs 8 oz - 4 lbs 1 oz = 6 lbs 7 oz Joel used 6 lbs 7 oz of concrete nails.
- 4. 3 lbs 4 oz = (3 x 16) + 4 = 48 + 4 = 52 oz 52 ÷ 4 = 13 Each large mug weighs of 13 oz.
- 5. 6 lbs = 96 oz $96 \div 12 = 8$ The basket can hold 8 bags of oranges.
- 6. $160 \ge 5 = 800$ lbs $150 \ge 8 = 1,200$ lbs 2,200 - (1,200 + 800) = 200 lbs Answer is (b).