

Mass word problems (metric units)

Grade 5 Word Problems Worksheet

1. Mariel's doctor prescribed 250 mg tablets for her to take. She must take 2 tablets a day, 7 times a week. How much medicine does she need to take in a week? Express your answer in grams with milligrams?

2. The school science club aims to collect 120 kilograms of old newspapers as part of their 5-day fundraising campaign. So far, the members have collected 85 kg 450 g. How many more old newspapers does the club need to collect to reach the target?

3. Poultry farmers Bob and Job bought the same feed for their chickens. Bob bought 1 sack of feed weighing 2 kgs for \$10. Job bought 4 smaller packs, each weighing 500 g, for \$3 each. Which farmer got a better deal?



Answers

1. $250 \times 2 \times 7 = 3,500$
 $3,500 \text{ mg} = 3 \text{ g } 500 \text{ mg}$
She needs to take 3 g 500 mg of medicine in a week.
2. $120 \text{ kgs} = 119 \text{ kgs } 1,000 \text{ g}$
 $119 \text{ kgs } 1,000 \text{ g} - 85 \text{ kgs } 450 \text{ g} = 34 \text{ kgs } 550 \text{ g}$
They still need to collect 34 kgs 550 g of old newspaper.
3. $2 \text{ kgs} = 2,000 \text{ g}$
 $2,000 \div 500 = 4$
There are 4 500 g sacks of feed in 2 kgs of feed.
 $\$3 \times 4 = \12
 $\$12 > \10 , Bob got a better deal than Job.
4. $12 \times 20 = 240 \text{ kgs}$
Total weight of clothes and bedding donated is 240 kgs.
 $240 \div 8 = 30$
Each family received 30 kgs of clothes and bedding.
5. $1.3 \text{ kgs} = 1,300 \text{ g}$
 $1,300 - 450 = 850$
She used 850 g of skim milk.
6. a. 2 stacks of old newspapers weighing 2.5 kgs per stack