Fraction word problems (division of whole numbers)

1. Jerry had collected 87 bags of plastic bottles and 32 kilograms of metal from his community. If each day he collected 10 bags of plastic bottles, how many days did he take to collect those bags of plastic bottles?

2. As part of the tree-planting campaign, 20 volunteers planted 155 seedlings of different plants. The number of seedlings planted by each volunteer is between which whole two numbers.

3. The Science Club hopes to collect 30 kilograms of used white paper and 2 containers of used cans and plastic bottles each day of their campaign. If 40 members were assigned to collect that used white paper equally, how much used white paper did each member of the club need to collect?

4. Twenty families affected by a typhoon each received 15 big boxes of hygiene essentials and 23 boxes of canned goods. If each family receives the same amount of hygiene essentials, how many boxes of hygiene essentials did each family get?

5. The Love Nature organization aims to educate the community on how people could save the earth by giving out educational flyers. Eight members of the club printed 550 flyers which were equally distributed by the other 20 members of the organization to the people in the community. The number of flyers to be distributed by each member is between which two whole numbers?

6. A company donated 850 liters of mineral water in containers to orphanages. The bottles were arranged in boxes for proper loading onto trucks. Each box contained 6 containers of water and each container held 5 liters of water. How many boxes of containers were donated?

Answers

1. Jerry took $8\frac{7}{10}$ days to collect those bags of plastic bags.

2. Each volunteer plants between 7 and 8 seedlings.

3. Each member should collect $\frac{3}{4}$ kilograms of used white paper each day.

4. Each family will receive $\frac{3}{4}$ of a box of hygiene essentials.

5. Between 27 and 28 flyers will be distributed by each member.

6. The company donated $28\frac{1}{3}$ boxes of containers of water.