Unit Fraction Word Problems

Solve each problem.

1) A moving company had one-seventh of a ton of weight to move across town. If they wanted to split it equally amongst 8 trips, how much weight would they have on each trip?

2) A glass of water was one-ninth of a liter. How many glasses would it take to fill up a 5 liter jug?

3) A chef used one-ninth of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?

4) A bulldozer could carry one-fourth of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

5) Dave had to write 5 pages for a book report. How many hours would it take him to write it if he wrote one-sixth of a page each hour?

6) A small book took one-half of a ream of paper to make. How many books could be made with 8 whole reams of paper?

7) A pet store had 4 cats to feed. If they only had one-ninth of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

8) A container of 3 metal beams weighed one-eighth of a ton. If every beam weighed the same amount, how heavy was each?

9) Vanessa wanted her box of candy to last 2 days. If the box weighs one-eighth of a pound, how much should she eat each day?

10) A bakery used one-third of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?

11) How many one-fourth cup servings are in 9 cups of pecans?

12) A car wash had to make their soap last 6 days. If they only have one-ninth of a gallon of soap, how much should they use each day so it lasts 6 days?

13) An artist was able to draw one-seventh of a picture every hour. If he needed to paint 6 pictures for an art show, how many hours would it take him?
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1) A moving company had $\frac{1}{7}$ of a ton of weight to move across town. If they wanted to split it equally amongst 8 trips, how much weight would they have on each trip?

2) A glass of water was $\frac{1}{9}$ of a liter. How many glasses would it take to fill up a 5 liter jug?

3) A chef used $\frac{1}{9}$ of a bag of potatoes for a meal. If the potatoes fed 5 people, what fraction of the bag did each person get?

4) A bulldozer could carry $\frac{1}{4}$ of a ton of sand. If a park needed 7 tons of sand, how many loads would the bulldozer need to carry?

5) Dave had to write 5 pages for a book report. How many hours would it take him to write it if he wrote $\frac{1}{6}$ of a page each hour?

6) A small book took $\frac{1}{2}$ of a ream of paper to make. How many books could be made with 8 whole reams of paper?

7) A pet store had 4 cats to feed. If they only had $\frac{1}{9}$ of a bag of cat food and each cat got the same amount, what fraction of the bag would each cat get?

8) A container of 3 metal beams weighed $\frac{1}{6}$ of a ton. If every beam weighed the same amount, how heavy was each?

9) Vanessa wanted her box of candy to last 2 days. If the box weighs $\frac{1}{8}$ of a pound, how much should she eat each day?

10) A bakery used $\frac{1}{3}$ of a bag of chocolate chips to make 3 batches of cookies. How much of the bag did they use for each batch?