Fraction Word Problems

Solve each problem.

1) Carol was packing up some of her old stuff into a box. A box can hold four pounds, but she only filled it up four-eighths full. How much weight was in the box?

2) A bakery used eight cups of flour to make a full size cake. If they wanted to make a cake that was one-quarter the size, how many cups of flour would they need?

3) Debby needed two-thirds of a cup of water for 1 flower. If she had eight flowers how many cups would she need?

4) Wendy's hair was originally four inches long. She asked her hairdresser to cut three-eighths of it off. How many inches did she have cut off?

5) It takes two-thirds of a box of nails to build a bird house. If you wanted to build six bird houses, how many boxes would you need?

6) Tom stacked three pieces of wood on top of one another. If each piece was two-thirds of a foot tall, how tall was his pile?

7) Lana made spicy and regular chili for the chili cookoff. She made enough spicy to fill up two-thirds of a pot. If she made nine times as much regular, how many pots of regular did she have?

8) Each day a company used one-quarter of a box of paper. How many boxes would they have used after six days?

9) A dog groomer could clean two dogs in an hour. How many could they clean in three-eighths of an hour?

10) A group of six friends each received two-quarters of a pound of candy. How much candy did they receive total?

11) A restaurant used four pounds of potatoes during a lunch rush. If they used one-twelfth as much beef, how many pounds of beef did they use?

12) Bianca bought a couple packages of gum at the gas station and ate four-eighths of a package each week. How much would she have eaten after five weeks?

Answers

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1) Carol was packing up some of her old stuff into a box. A box can hold 4 pounds, but she only filled it up $\frac{4}{8}$ full. How much weight was in the box?

2) A bakery used 8 cups of flour to make a full size cake. If they wanted to make a cake that was $\frac{1}{4}$ the size, how many cups of flour would they need?

3) Debby needed $\frac{2}{3}$ of a cup of water for 1 flower. If she had 8 flowers how many cups would she need?

4) Wendy's hair was originally 4 inches long. She asked her hair dresser to cut $\frac{3}{8}$ of it off. How many inches did she have cut off?

5) It takes $\frac{2}{3}$ of a box of nails to build a bird house. If you wanted to build 6 bird houses, how many boxes would you need?

6) Tom stacked 3 pieces of wood on top of one another. If each piece was $\frac{2}{3}$ of a foot tall, how tall was his pile?

7) Lana made spicy and regular chili for the chili cookoff. She made enough spicy to fill up $\frac{2}{3}$ of a pot. If she made 9 times as much regular, how many pots of regular did she have?

8) Each day a company used $\frac{1}{4}$ of a box of paper. How many boxes would they have used after 6 days?

9) A dog groomer could clean 2 dogs in an hour. How many could they clean in $\frac{3}{8}$ of an hour?

10) A group of 6 friends each received $\frac{3}{4}$ of a pound of candy. How much candy did they receive total?