Fraction Word Problems

Solve each problem. Write your answer as a mixed number (if possible).

1) Ned had a lump of play doh that was 3 1/2 inches long. If he stretched it out to 2 times its current length how long would it be?

2) A doctor told his patient to drink 3 full cups and 1/2 of a cup of medicine over a week. If each full cup was 4 1/2 pints, how much is he going to drink over the week?

3) Janet made spicy and regular chili for the chili cookoff. She made enough spicy to fill up 8/9 of a pot. If she made 4 times as much regular chili, how many pots of regular did she have?

4) For Halloween 1/4 of the candy sold was chocolate. Of the chocolate candy sold 7/8 was made by Nestle. What fraction of all the candy sold was chocolate and made by Nestle?

5) A batch of donuts required 4 1/2 pints of glaze. If a donut store was making 3/8 of a batch, how much glaze would they need?

6) An adult turtle weighed 4 6/7 ounces. How much would 4 adult turtles weigh?

7) A bottle of sugar syrup soda had 3 3/5 grams of sugar in it. If Oliver drank 3 full bottles and 2/5 of a bottle, how many grams of sugar did he drink?

8) A farmer gives each of his horses 5/9 of a salt lick a month. If he has 4 horses, how many salt licks does he use a month?

9) A large container of lemon juice used 5/8 of a bag of lemons. If a small container used 3/9 the amount of a large container, how many bags does a small container use?

10) A full container of industrial cleaning solution had 4 3/8 liters of liquid. If the container was only 7/8 full, how many liters are in there?

11) A air freshener used 4 7/8 milliliters of perfume. If Sarah wanted to make 2 air fresheners, how many milliliters of perfume would she use?

12) A new washing machine used 3 3/4 gallons of water per full load to clean clothes. If Roger washed 4 1/3 loads of clothes, how many gallons of water would be used?
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