Name: .... Class: ....

Add and subtract mixed numbers - word problems

1. Maria wants to fry Irish potato and sweet potato chips. So she went to the supermarket and bought $6\frac{1}{2}$ pounds of Irish potatoes and $7\frac{3}{4}$ pounds of sweet potatoes. How many pounds of potatoes did Maria buy in all ? (write your answer as a mixed number).

2. Katy is learning how to make cup cakes. Amongst other things she has to use, the recipe calls for $5\frac{7}{15}$ cups of milk, flour mixture and $2\frac{1}{2}$ cups of milk to make buttercream for icing the cup cakes. How many cups of milk is required to make the cupcakes and the buttercream altogether ?
(write your answer as a mixed number).

3. Miss Edith has beautiful chairs in her house. She wants to make some attractive pillow covers and placed them on her beautiful chairs. She went to the store to buy $2\frac{2}{9}$ of a yard of a purple fabric and $1\frac{1}{5}$ of a yard of a white fabric. How many more yards of purple fabric did Miss Edith buy than white fabric. (write your answer as a mixed number).

4. Johnson and Caryn weighed their pet dogs at once on a weighing scale. The total weight of the pets was 20 4/5 pounds. Caryn decided to know how much her own pet weighs alone. If Caryn's pet weighed 9 2/5 pounds, what is the weight of Johnson's pet?. (write your answer as a mixed number).

5. There's a leakage in my water supply line. Yesterday, I think about 9 1/4 gallons of water leaked from the pipe. Today, about 2 2/3 gallons of water leaked from the pipe till noon. By evening, a plumber fixed the pipe and estimated that a total of 20 23/24 gallons of water must have leaked from it since yesterday. How many gallons of water leaked from the pipe from noon till evening? . (write your answer as a mixed number).

Name: .... Class: ....

Add and subtract mixed numbers - word problems

1. ▸ Irish potatoes: $6\frac{1}{2}$

> Maria bought $14\frac{1}{4}$ pounds of potatoes.

▸ Sweet potatoes: $7\frac{3}{4}$

2. ▸ flour mixture: $5\frac{7}{15}$

> $7\frac{29}{30}$ cups of milk are required to make cupcakes and buttercream.

▸ buttercream: $2\frac{1}{2}$

3. ▸ purple fabric: $2\frac{2}{9}$

> Miss Edith bought $1\frac{1}{45}$ yard of a purple fabric.

▸ white fabric: $1\frac{1}{5}$

4. ▸ Total weight of all the pets = $20\frac{4}{5}$

> Johnson's pet weighs $19\frac{2}{5}$ yard of a purple fabric.

▸ Weight of Caryn's pet = $9\frac{2}{5}$

5. ▸ Volume of water that leaked from the pipe since yesterday till today evening =
$20\frac{23}{24}$ gallons

▸ Volume of water that leaked from the pipe yesterday = $9\frac{1}{4}$ gallons

▸ Volume of water that leaked from the pipe today till noon = $2\frac{2}{3}$ gallons

> $11\frac{11}{12}$ gallons of water leaked from pipe yesterday till noon.