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

Fraction of a whole - word problems

1. Ismaël and his 4 friends went out for the usual morning workout. While they were resting, they decided to share the sparkling water in the bottle of water that Ismaël took along with him since they were all very thirsty. Jane poured equal volume of water into 6 cups, but because Ismaël was so thirsty, he drank 2 cups of water. What fraction of sparkling water did Ismaël drink?

2. Lysa's best friend baked a very beautiful cake and sent it to her as her birthday present. Lysa was very excited and cut the cake into 19 equal pieces for her friends thet attended the party. One of them ate 3 pieces of cake alone. Lysa was so upset because some of her guests didn't get a piece of cake. What fraction of the cake did Lysa's friend eat?

3. Mr. Daniel is a teacher in a very famous elementary school. He uses different type of markers to teach. He has 5 red markers, 7 brown markers, 2 black markers and 9 green markers on his desk. What fraction of green markers can be seen on Mr. Daniel's desk?

4. Yesterday, Charles came back from school and had pizza for lunch. Pizza is not really his favorite food, but since he didn't really have a choice, he took the pizza and divided it into 6 equal pieces. He then added cheese on 2 pieces and put it in the microwave to warm it up. What fraction of the pizza did he not add cheese on?

5. Out of the 13 packets of icing sugar he stock up for his customer, Mr. Smith took 8 packets from it and gave it to his brother. What fraction of the packets of icing sugar does he have to buy to supplement the original stock for his customer?

6. Ava's grandmother distributed all the candies she had equally to her grandchildren, Ava, Emma, and Samuel. Ava received 5 candies, Samuel received 7 candies, and Emma received 10 candies because she is the eldest. What fraction of the candies did Emma receive?

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▸ Jane poured equal volume of water in : 6 cups (the denominator is 6).
▸ Ismaël drank : 2 cups (the numerator of the fraction is 2).

   Therefore, Ismaël drank a fraction of 2/6 cups of the sparkling water.

2. Therefore, Lysa's friend ate a fraction of 3/19 pieces of cake.

3. Therefore, a fraction of 9/23 green markers can be seen on Mr. Daniel's desk.

4. So, he did not put cheese on 2/3 of the pizza.

5. So, he has to buy 8/13 of the packets of icing sugar.

6. So, Emma received 5/11 of the candy.