

Answers on sheet. Show necessary work (LCDs for adding/subtracting; pre-cancelling for multiplication).

1. At a hotdog eating contest Mike ate $5\frac{3}{4}$ hotdogs and Heather ate $3\frac{2}{3}$ hotdogs. How many more hotdogs did Mike eat than Heather?

2. Julie is $\frac{3}{5}$ as tall as her older brother Jack who is $\frac{2}{3}$ as tall as their older sister Melissa.
 - a) What fraction of Melissa's height is Julie?

 - b) If Melissa is 150 cm tall how tall are each of her siblings?

3. Greg spent $\frac{5}{6}$ of his allowance on candy. If he spent \$10 on candy, how much was his allowance?

4. If $2\frac{1}{4}$ cans of peaches is used to make desert for 3 people, how much of a can would be used for one person?

5. If $2\frac{1}{4}$ cans of peaches is used to make desert for 3 people, how many people is one can good for?

6. Luke and Leah each ate $\frac{1}{6}$ of a cake. Ben ate $\frac{2}{3}$ of what was left over. How much of the cake did Ben eat?

7. Bert and Ernie cut a piece of string in half. Bert then cuts $\frac{2}{3}$ of his string off and gives what is left over to Ernie. Ernie cuts off $\frac{2}{5}$ of his string and combines it with the piece Bert gave him. What fraction of the original string is now in Ernie's combined piece?

KEY

1. Mike ate $2\frac{1}{12}$ more hotdogs than Heather.
2. a) Julie is $\frac{2}{5}$ as tall as Melissa.
b) Julie is 60 cm tall and Jack is 100 cm tall.
3. Greg's allowance is \$12.
4. $\frac{3}{4}$ of a can would be used for one person.
5. One can serves $1\frac{1}{3}$ people.
6. Ben ate $\frac{4}{9}$ of the cake.
7. Ernie's combined string is $\frac{11}{30}$ of the original string.