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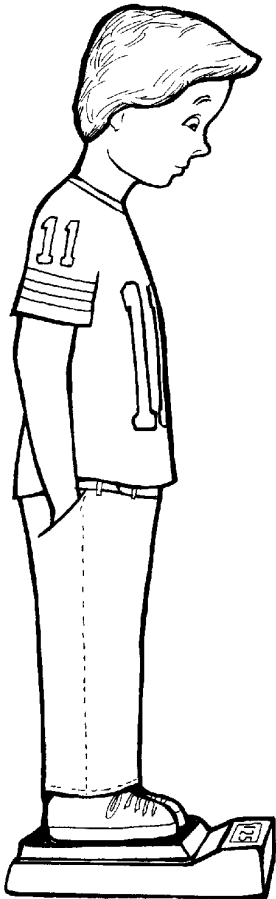
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# How Much Water Is in People?

Before Ms. Frizzle takes the students on a trip to the waterworks, she asks them to research *10 facts about water*. Her reason for this is to gather the students' current understanding of the way water works. Before taking any field trip, it is important to be prepared.

**Water Fact #1:** *About  $\frac{2}{3}$  of your body is made up of water.*

**As a Matter of Fact . . .** Men typically have slightly more water in their bodies, pound for pound, than women. Men generally carry around one gallon (3.79 L) of water for every  $12\frac{1}{2}$  pounds of weight. Women carry around one gallon (3.79 L) of water for every 15 pounds of weight. This means the amount of water in a woman who weighs 100 pounds is 6.67 gallons (25.3 L) or 55.6 pounds of water! That should float your boat!



## Math Break

- Your weight in pounds divided by  $12\frac{1}{2}$  (for males) or 15 (for females) will tell you how many gallons of water are in your body.
- Multiplying the number of gallons of water in your body by 8.33 will tell you how many pounds of water are in your body. Each gallon of water weighs about 8.33 pounds.
- Complete the chart on page 11 to determine the amount of water in your body.

## Fun Fact:

*During an average lifetime, a person will drink about 16,000 gallons (60,600 L) of water.*



# How-We-Get-Our-Water Chart

**Instructions:** Make an overhead transparency of the following picture of a water filtration plant. Place the transparency on an overhead projector and project the image on a large piece of butcher paper. Trace and color the image. Hang your poster in your room.

