


# Measurement Conversions: A HALLOWEEN STORY

Ms. Balsler, Ms. de Give, and Mr. Hokkanen were throwing a big Halloween party for all their 6th grade teacher friends at school. They needed decorations, costumes, and food. Answer each question about their party. **Round to the nearest TENTH as needed.**

Problem	Work Space: Circle your final answer!
<p>1. Ms. de Give needed fabric for her costume...she was dressing up as an Olympic Rower. She found a great deal for fabric at Target, and she had a gift card! She needed 12.75 feet of fabric, but it is only sold in yards. How many yards will she need?</p>	
<p>2. Ms. Balsler is weighing out gifts bags of candy for all the guests. She wanted to give each guest 8 ounces of candy per bag, but her scale only measures in grams. How many grams of candy should she put in each bag?</p>	
<p>3. Mr. Hokkanen is looking for fake spider webs to hang up as decorations. He found a European website where he could order spider webs by the meter. Unfortunately, the only ruler he could find had centimeters on it. After measuring the length of the wall as 1,140 cm. How many meters should he purchase?</p>	
<p>4. While driving back from the store, Ms. de Give ran out of gas and had to walk to the gas station. According to Google Maps, she was 5 kilometers away from the nearest gas station. Wondering who had messed up the settings on her phone, she decided to convert the kilometers into miles. How many miles did Ms. de Give have to walk?</p>	
<p>5. Mr. Hokkanen is making "Dragon's Blood Punch" for the party. He purchased 6 liters of sprite and 10 liters of fruit punch. After he mixes it, he plans to pour it into gallon containers to serve. How many gallons can he make? How many containers will he actually need?</p>	



<p>6. Hearing about the party, the 7th grade teachers became jealous and created a diabolical plan to throw buckets of water on the 6th grade teachers. The teachers filled up 5 gallons worth of water. How many cups of water do they have?</p>	
<p>7. Before the 7th grade teachers threw the water, Ms. Balsler attempted to bribe them with candy. She offered them 7 pounds of candy. How many kilograms of candy did she offer them?</p>	
<p>8. But the 7th grade teachers rejected the bribe! Ms. Balsler was shocked! Mr. Hokkanen started to cry! The buckets were raised up and just as the water was about to launch, Ms. de Give flew in like an eagle to save the day. She came in swinging two whiffle ball bats. The 7th grade teachers ran away in fear! If the length of each bat is 32 inches, how many centimeters long were the bats?</p>	
<p>9. The math teachers cheered! To further add to the excitement, Ms. Balsler revealed that she had made delicious, homemade chocolate chip cookies for everyone! There were so many teachers that she had to use four 24-ounce bags of chocolate chips. How many pounds of chocolate chips did she use in all?</p>	
<p>10. The party was a huge success! The 6th grade teachers loved it! To celebrate, everyone went out for ice cream. If 19 teachers each ate 0.4 of a quart of ice cream, how many pints were eaten by all of the teachers?</p>	

