

Scene	Full Transcript
1	<p>Allie: Hi, it's Allie. I just got done helping with the local Human Society's annual fundraiser.</p> <p>The turnout was great. It's time to see how we did. They asked me to count the money, and you can help. You don't need to growl; you can do it quickly if you can multiply and divide mentally. I'll show you, and we will sniff out another <i>Problem Solved</i>.</p>
2	<p>Allie: Here's your treat. Speaking of treats, we are going to start with the bake sale. We track how many of each product we sell so we know which flavors are hot and which are not. Mince meat pie? Ugh!</p>
3	<p>Voice-Over Allie: Cherry pies sold for \$4 each, and our tally shows that we sold 70 pies. This is a good example to illustrate that you can multiply and divide multiples of 10 easily if you know your basic facts.</p> <p>Seventy pies at \$4 each –</p> <p>70 times 4 is just 7 tens times 4, right? Right.</p> <p>And, everybody knows that 7 tens times 4 is 28 tens, or 280, so we sold \$280 worth of cherry pie!</p>
4	<p>Allie: You can also divide multiples of 10.</p>
5	<p>Voice-Over Allie: You could have had your picture taken with some of my furry friends for \$6. We raised \$420. How many pictures were taken?</p> <p>Four hundred twenty divided by 6 is just like 42 tens divided by 6, which is 7 tens, or 70.</p>
6	<p>Allie: Seventy pictures! (to the animal). You smile very well.</p> <p>To multiply and divide with multiples of 10 is easy if you just remember your basic facts and think tens! Let's see how many people have become honorary Pet Pals.</p>
7	<p>Voice-Over Allie: Thirty-two people each donated \$25. How much money was raised?</p> <p>It's easy to multiply by 25, and you can do it in your head.</p> <p>Here is one way. If 32 people each donated \$100, we would have raised \$3200. We know that 25 is one-fourth of 100. One-fourth of 3200 is 800. We raised \$800.</p>
8	<p>Voice- Let's look at this again. We multiplied by 100 and divided by 4. It might be</p>



	<p>Over easier to first divide 32 by 4 and then multiply by 100.</p> <p>Allie: Thirty-two divided by 4 equals 8. Eight times 100 is 800.</p>
9	<p>Allie: That will keep you and your buddies in pet food for quite awhile! Remembering to multiply and divide mentally will help you unleash the right answer every time. <i>Problem Solved.</i></p>