

<b>Description:</b> Clip 9 of 9: Reasoning about the solution to problem 4 with the teacher <b>Parent Tape:</b> Word problems with addition and subtraction <b>Date:</b> 1989-03-21 <b>Location:</b> Harding Elementary School – Kenilworth, NJ <b>Researcher:</b> Carolyn Maher	<b>Transcriber(s):</b> Tripathy, Sadhwvi <b>Verifier(s):</b> Yedman, Madeline <b>Date Transcribed:</b> Spring 2013 <b>Page:</b> 1 of 3
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Line	Time	Speaker	Transcript
<b>1</b>		<b>Stephanie</b>	Zack has three chickens, if grandpa sells three chickens he will have as many as Zack. How many chickens does Grandpa have? Now, our first answer was six but then again we thought it was three.
<b>2</b>			Inaudible
<b>3</b>	00:30	<b>R1</b>	Why did you first have six? That's interesting.
<b>4</b>		<b>Stephanie</b>	Well because if you, grandpa had um well his dad had three and if grandpa sells three we figure he will have the same amount as dad so you know he'd have six altogether.
<b>5</b>		<b>R1</b>	That sounds very nice, very good to me Stephanie.
<b>6</b>		<b>Stephanie</b>	Well, we've got our three it's just that grandpa will have the same as many, grandpa will have the same amount of chickens as dad and that totals out to three.
<b>7</b>		<b>R2</b>	Stephanie, can you explain to me the two words that you said was so important at first it was as instead of and.
<b>8</b>		<b>Stephanie</b>	What?
<b>9</b>		<b>R2</b>	Remember how, (inaudible) you said if the word had been something else it would have been six, and that because it was as, you decided it was three. Can you explain that again? Because I was not talking to you then I was just listening. And I really wanted to know what you meant.
<b>10</b>		<b>Stephanie</b>	Okay, well what I meant was then I looked at the last one and I saw that there was no ed. If it was had then I would figure out it was six, but if it was has, have and so that's what I thought it was three. That's how it was three.

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<b>11</b>		<b>R1</b>	What do you think the answer is Stephanie?
<b>12</b>	02:20	<b>Aaron</b>	I think it's six.
<b>13</b>		<b>R1</b>	You think it's six Aaron? You think it's six, if he starts with six and he sells three then he will have as many as dad?
<b>14</b>		<b>Aaron</b>	Three
<b>15</b>		<b>R1</b>	Then he would have three, do you agree too, do you think the answers six Gerardo? Do you agree with Aaron, he's saying he thinks it's six.
<b>16</b>		<b>Gerardo</b>	It might be three
<b>17</b>		<b>R1</b>	What do you think, if grandpa has three and he then sells three does he have as many as dad?
<b>18</b>		<b>Aaron</b>	No
<b>19</b>		<b>R1</b>	What would he have if he had three and then he sells three?
<b>20</b>		<b>Aaron</b>	none
<b>21</b>		<b>R1</b>	None or zero, so would he have as many as dad?
<b>22</b>		<b>Aaron</b>	No
<b>23</b>		<b>R1</b>	No, so let's rethink that for a moment please.
<b>24</b>	03:10	<b>R1</b>	Now, Aaron was saying something interesting that perhaps you should listen to. Aaron thinks it might be six, why Aaron?
<b>25</b>		<b>R1</b>	Show us grandpa's six, could you show us grandpa's six please and maybe you could show the group?
<b>26</b>		<b>R1</b>	Okay, now if you show us the three that he would sell sweetie, how would he sell three? Okay, so how many will he have left then?

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<b>27</b>		<b>Aaron</b>	Three.
<b>28</b>		<b>R1</b>	And then would he have the same number as dad?
<b>29</b>		<b>Aaron</b>	Yes
<b>30</b>		<b>R1</b>	So how many people might agree with Aaron and say that perhaps the answer would be six. What do you think? I think Aaron on the right track Stephanie. What do you think about what he's saying. If grandpa has six and he sells three then..
<b>31</b>		<b>Stephanie</b>	I know what he's saying, he would have three more like dad.
<b>32</b>		<b>R1</b>	He'll have three like dad, right, interesting.
<b>33</b>		<b>R2</b>	What Stephanie is saying have is after they sell, (inaudible) I completely understand Stephanie's thinking.
<b>34</b>		<b>R1</b>	You did a wonderful job of thinking that through.