PROBLEM SOLVED
MAKING SENSE OF MATHEMATICS

Difficult Subtraction Facts
Video Script

Scene		Full Transcript
1	**Skylar:**	Good round, Dave! See you on the putting green in a few minutes. You know, I actually think his game is improving and his ability to keep score. See, a little practice does go a long way! Dave's inside right now getting some hotdogs for the next round. You know, now that he's mastered addition facts, I think it's time to move on to subtraction facts. Now, I suggest you watch addition facts first just to get your head in the game. Now, let's see if we can't tee up another *Problem Solved*.
2	**Skylar:**	Addition and subtraction facts can improve your ability to make mental computations of large numbers and estimate the answers. You can use your fingers, but it's slow and when you get as many hot dogs as we do, you tend to run out of fingers. Ah, awesome! Dave went into the clubhouse with $15, and the hot dogs cost $8. How much money does he have left over?
3	**Voice-Over Skylar:**	This is a subtraction problem, but you can use your knowledge of addition to solve it. Addition and subtraction are related. You always have a whole and two parts. If you know the two parts, you can add to find the whole. If you know the whole and one part, you can subtract to find the other part. Back to our problem, 15 minus 8. I am going to use golf balls as a model. Each of these golf balls represents one dollar. Dave bought $8 worth of hot dogs. Instead of trying to take 8 away from 15, use your doubles. Everyone knows that 8 plus 8 equals 16. Here are 16 golf balls. We also know that 15 is 1 less than 16. So, we just putt away one ball, or one dollar leaving us with seven. Fifteen is the whole, and the parts are eight and seven. So, $15 minus $8 is $7.
4	**Voice-Over Skylar:**	Another way to solve the problem is to use tens to find out how much Dave spent. Eight plus 2 equals 10. Then add the remaining 5 to get 15, 2 more and 5 more is 7 more. So, 15 minus 8 is 7. These methods are also helpful when subtracting large numbers. Let's take 65 minus 59 for example. We know that 59 plus 1 is 60. Then 5 more is 65. That's 6 more! So, 65 minus 59 equals 6.
5	**Skylar:**	As you get the swing of it, you'll start relying on what you already know about addition and subtraction to figure out the unknown, no matter how difficult the shot. *Problem Solved*.

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