

STUDENT: And then for milk chocolate it's (inaudible) by two. You got that? And then I did dark chocolate is $y = 3x + 0$ and then milk chocolate is $y = 2x - d$. Did you get that?

STUDENT: Yeah.

STUDENT: And then for this one I did the math. I did the $3 \times 9 + 0$ and then that equals 27, plus zero equals 27. And then for this $(2x - 2)$, $(2 \times 9 - 2)$, and $(y = 18 - 2)$ and then the answer is 16. And then what did you get for the [inaudible]?

STUDENT: $5x = y$.

STUDENT: Oh, okay. And then for the total number of chocolates in a box is 63. What is the size of the box? I did $y = 5x - 2$ then I...then right there, $63 = 5x - 2$ and then what's it called? Inverse operation? Inverse operation and then you add 65...and then you cross that out because negative plus positive two equals zero. And then equals 65 and then you divide it by 5 and it equals 13.

STUDENT: I thought...I forgot...should be 13 right?

STUDENT: Yeah.

STUDENT: Let me write this down. I don't know why I put this like two times.

STUDENT: The rule is $y = 5x + (-2)$. Yeah, you just check it on the graph. Like, $y = 5$ is 25 minus 2 equals 23. What did you get in the back?

STUDENT: Well, the first one I got for the chocolates, um, I got formula $y = 5x + 3$.

STUDENT: Yeah, I got that too.

STUDENT: All right. And number five I got [inaudible].