

Solutions of the Week

Volume of cookie dough slab= $25 \text{ cm} * 15 \text{ cm} * 2 \text{ cm}$
 Volume of cookie dough slab= 750 cm^3

Volume of Christmas Tree cookie-cutter= $4 \text{ cm}^2 \text{ (area)} * 1 \text{ cm}$
 Volume of Christmas Tree cookie-cutter= 4 cm^3

Number of 4 cm^3 cookies that you can make with 750 cm^3 of cookie dough= 187.5

$$750 \text{ cm}^3 / 4 \text{ cm}^3 = 187.5 \text{ cookies}$$

Mrs. Kinsella is baking cookies for her second grade class. She prepares a slab of cookie dough with the dimensions 15 cm by 25 cm by 2 cm. How many Christmas tree cookies can she make if the area of the cookie cutter below is 4 cm^2 and each cookie must be 1 cm thick before it can be baked?

	Total slab size	The size of cookie	split thickness	Answer
	25	is 4by4	in half	
by	15	375	93.75	187.5
	375	4	2	
		93.75	187.5	