9. [10 points] Hugo LeBlanc is baking bread. Suppose that t minutes after he put his bread in the oven, the temperature of the bread in degrees Fahrenheit is

$$y = B(t) = 350 - 290e^{-\frac{L}{7}}.$$

a. [2 points] Find the temperature of the bread when it is first put into the oven. Include units.

The temperature of the bread when it is first put into the oven is ______

b. [2 points] Find $\lim_{t\to\infty} B(t)$.

 $\lim_{t \to \infty} B(t) = \underline{\qquad}.$

c. [6 points] B(t) is a transformation of the function e^t . Fill in the following blanks with the transformations needed to transform the graph of e^t into the graph of B(t). On each line use one of the phrases given below for the first blank and a number for the second blank, if applicable (for reflections, do not use the second blank). Be sure to list the transformations in the proper order. Leave any unused lines blank.

Shift it	Shift it	Shift it	Shift it	Reflect it
HORIZONTALLY	HORIZONTALLY	VERTICALLY	VERTICALLY	OVER THE
TO THE RIGHT	TO THE LEFT	UPWARDS	DOWNWARDS	y-AXIS
				Reflect it
Compress it	Stretch it	Compress it	Stretch it	OVER THE
HORIZONTALLY	HORIZONTALLY	VERTICALLY	VERTICALLY	t-AXIS

To get the graph of B(t) starting with the graph of e^t ,

first, we	by,
and then we	by,
and then we	by,
and then we	by
and then we	by