MS	RS	CR	Α	RE

## **Box Dimensions**

A packaging company is creating boxes that have a width that is 4 inches more than the height and a length that is height subtracted from 9 inches. The boxes can hold 180 in.<sup>3</sup> of material. What are the dimensions of the box?

That are the dimensions of the box?

$$V = h(4+h)(9-h)$$
 $V = h(4+h)(9-h)$ 
 $V = h(4+h)(4-h)$ 
 $V = h(4+h)(4$ 

Dimensions h=5 W=4+5 e=9-5

# Sinby 9/nby 4/n

Check 5.94-180

#2 h=6 v=4+6 l=9-6