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### 3.5.R1

1/1 point (graded)

According to the model for sales vs TV interacted with radio, what is the effect of an additional \$1 of radio advertising if TV=\$50? (with 4 decimal accuracy)

✓ Answer: .0839

$\text{beta}_3 * 50 + \text{beta}_2 * 1 = 0.0839$

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### 3.5.R2

1/1 point (graded)

What if TV=\$250? (with 4 decimal accuracy)

$\text{beta}_3 * 250 + \text{beta}_2 * 1 = 0.3039$

✓ Answer: .3039

#### Explanation

The effect of an additional unit of radio is .0289 plus .0011 times TV.

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