① $18.50 - Jacket

6.5% - Sales Tax

Q: Price of Sales tax

- Multiplication problem

  6.5% of $18.50

  $\longrightarrow$ "of" $\rightarrow$ multiply

Consider how we calculate a tip at a restaurant:
  20% of the bill
  0.2 × bill = total
  "of" $\rightarrow$ multiply

- Convert 6.5% to a decimal
  - Convert 6.5% to a fraction

  6.5%   "6.5 percent"

  6.5 per cent (cent means 100)

  6.5 per 100 (per means division/fraction)

  $\longrightarrow$ $15 per hour : $15/hr

  6.5% $\rightarrow$ $\dfrac{6.5}{100}$

  $\dfrac{6.5}{100} = 0.065$ * Division involving decimals and whole numbers

- Multiply 6.5% of $18.50

  0.065 × 18.50 = 1.2025 $\rightarrow$ The 2 means we do not round up

* Dealing w/ money $\rightarrow$ only want 2 digits to the right of the decimal

- 6.5% of $18.50 is ($1.20)